

FEDERAL BUREAU OF INVESTIGATION
FOI/PA
DELETED PAGE INFORMATION SHEET
FOI/PA# 1185637-0

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ROOM ☐ TELETYPE UNIT ☐ 6/1/73 R/VK

Honorable J. Fred Buzhardt

Questions have been asked of me by the news media as to what results, if any, were obtained from the coverage. Of course, none of us in the FBI are in position to pass judgment on the material gathered from the coverage. Individual items which might appear to one of us in the FBI as being innocuous might be of real significance to those in The White House who were intimately familiar with the problems surrounding leaks of information as well as the various personalities involved. Therefore, we think you should have all of the reports made during the coverage for ready reference.

I am, therefore, enclosing the 138 original letters described above for the completion of White House files concerning the electronic surveillances maintained at the specific request of The White House relating to serious leaks of highly classified national security information between 1969 and 1971.

Sincerely yours,

William D. Ruckelshaus
Acting Director

Enclosures (138)

NOTE:

On 5/12/73 two boxes of records relating to special electronic surveillance coverage placed at the request of The White House between May, 1969, and February, 1971, were released to the Acting Director and Section Chief Thomas J. Smith by Mr. Leonard Garment and Mr. J. Fred Buzhardt, Special Counsel to the President. The records had been removed from FBI custody in 1971 by former Assistant to the Director W. C. Sullivan

NOTE CONTINUED - PAGE 3

Honorable J. Fred Buzhardt

NOTE CONTINUED:

and turned over to then Assistant Attorney General, Robert C. Mardian, who in turn gave them to The White House. Prior to the time Sullivan took the records, original letters reporting on coverage were picked up from the addressees at The White House and stored with other records relating to the coverage. These letters were still with the records, and inasmuch as the coverage was entirely legal and proper under existing interpretation of the law between 1969 and 1971, they should be returned to The White House for completion of White House records. These letters would be needed to respond to questions from the media as to whether the coverage was effective. We have made Xerox copies of the letters for our records. In addition, we have the original yellow file copies of the letters.

Attached is a listing in chronological order of all the 138 letters described herein.

Letters to President Richard M. Nixon dated:

7/10/69	-10/9/69	12/18/69
-7/14/69	10/10/69	-12/31/69
7/15/69 (2)	10/13/69	1/15/70
7/18/69	-10/24/69	1/21/70
-7/25/69	10/28/69	2/2/70
7/31/69	11/6/69	2/17/70
-8/1/69	-11/7/69	2/27/70
-8/13/69	11/14/69	-5/4/70
-8/22/69	11/17/69	-5/8/70
-9/3/69	12/2/69	-5/11/70
-9/30/69	12/3/69	5/12/70

refer to Halperin

Letters to Henry A. Kissinger dated:

5/13/69 ✓
5/28/69
5/29/69
7/10/69
7/14/69
7/15/69 (2)
7/18/69
7/25/69
7/31/69
8/1/69
8/13/69
8/22/69

9/3/69
9/30/69
10/9/69
10/10/69
10/13/69
10/24/69
10/28/69
11/6/69
11/7/69
11/14/69
11/17/69
12/2/69

12/3/69
12/18/69
12/31/69
1/15/70
1/21/70
2/2/70
2/17/70
2/27/70
5/4/70
5/8/70
5/11/70
5/12/70

Letters to H. R. Haldeman dated:

5/14/70	7/10/70	12/16/70
5/18/70 (2)	8/13/70	12/17/70 (3)
5/21/70	9/4/70	12/18/70 (2)
5/26/70	9/11/70	12/22/70
5/28/70	9/22/70	12/28/70
6/2/70	9/28/70	12/30/70
6/9/70	10/14/70	1/5/71
6/11/70	10/20/70	1/7/71
6/15/70	10/23/70	1/12/71
6/19/70	10/29/70	1/18/71
6/23/70	11/13/70	1/19/71
6/25/70 (2)	11/19/70	1/22/71
6/29/70	11/24/70	1/27/71
7/6/70	12/11/70	1/29/71
7/7/70	12/15/70 (2)	2/10/71
7/8/70		

Letters to John D. Ehrlichman dated:

7/25/69

7/28/69 (2)

7/29/69

7/31/69

8/1/69

8/4/69

8/6/69

8/7/69

8/8/69

8/14/69

8/25/69

9/5/69

9/18/69

9/22/69

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

July 10, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

~~ALL INFORMATION CONTAINED~~~~HEREIN IS UNCLASSIFIED~~

DATE

3/18/82

BY

7855 SPK/ndc

12-16-82

9783/fv

My letters of May 28 and May 29, 1969, set out information which we obtained from extremely sensitive sources regarding contacts between Henry Brandon, correspondent of the "London Sunday Times," and White House staff members.

From the same extremely sensitive sources, we have learned that Brandon was recently in contact with an individual

Brandon replied, that

OTHER

Sealed pursuant to U.S. Court
Order

~~TOP SECRET~~~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

65-75085-30.1

DECLASSIFIED BY 6855 DML/af
ON 10-11-82

~~TOP SECRET~~

Sealed pursuant to U.S. Court Order

Honorable Richard M. Nixon

OTHER

Sincerely yours,

J. Edgar Hoover

- 2 -

~~TOP SECRET~~

~~TOP SECRET~~UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

July 14, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

My letter of May 28, 1969, set out information which we obtained from extremely sensitive sources concerning contacts made by Daniel Ira Davidson.

From the same extremely sensitive sources, we have learned that

OTHER

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~~~Group 1~~~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

DECLASSIFIED BY 6855 DML/df
ON 10-11-77

65-75085-301

~~TOP SECRET~~

DEPT. OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

Honorable Richard M. Nixon

Sealed pursuant to U.S. Court
Order

OTHER

Sincerely yours,

J. Edgar Hoover

- 2 -

~~TOP SECRET~~

~~TOP SECRET~~
UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

July 15, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

Previous communications have set out information which we obtained from extremely sensitive sources concerning contacts made by Henry Brandon, correspondent of the "London Sunday Times."

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/14/82 BY 7858 SP/CL/mde
12-16-82 9788/jv

OTHER

Sealed pursuant to U.S. Court
Order

Sincerely yours,

~~TOP SECRET~~~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

DECLASSIFIED BY 16955 DML10-11-72

65-75085-301

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

July 18, 1969

Honorable Henry A. Kissinger
Assistant to the President
for National Security Affairs
The White House
Washington, D. C.

Dear Dr. Kissinger:

Previous communications have set out information which we obtained from extremely sensitive sources concerning contacts made by Henry Brandon, correspondent of the "London Sunday Times."

The same sensitive sources have advised that

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/18/82 BY 7858-SP/nd/pul
12-16-82 97881 fr

OTHER

Sealed pursuant to U.S. Court

Order ~~TOP SECRET~~~~Group 1~~

Excluded from automatic
downgrading and
declassification

DECLASSIFIED BY 6855 DM4
ON 10-11-77

ENCLOSURE

65-75085-301

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D. C.

Honorable Henry A. Kissinger

Sealed pursuant to U.S. Court
Order

OTHER

Sincerely yours,

J. Edgar Hoover

~~TOP SECRET~~

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

July 18, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

Previous communications have set out information which we obtained from extremely sensitive sources concerning contacts made by Henry Brandon, correspondent of the "London Sunday Times."

The same sensitive sources have advised that

OTHER

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Order

~~TOP SECRET~~~~Group 1~~~~Excluded from automatic~~~~downgrading and~~~~declassification~~

ENCLOSURE

65-75085-301

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/15/82 BY 6855 DM/1/82
12-16-82 9788

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

WASHINGTON, D.C. 20535

DATE: 11/11/68

Honorable Richard M. Nixon

Sealed pursuant to U.S. Court
Order

OTHER

Sincerely yours,

J. Edgar Hoover



UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

July 25, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

Previous communications have set out information which we obtained from extremely sensitive sources concerning contacts made by Henry Brandon, correspondent of the "London Sunday Times."

The same sensitive sources have advised that

[Redacted]

OTHER

[Redacted]

[Redacted]

Sealed pursuant to U.S. Court
Order

~~TOP SECRET~~
~~Group 1~~

DECLASSIFIED BY 6855 DML/df
ON 10-11-97

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

65-75085-301

56

~~TOP SECRET~~

Honorable Richard M. Nixon

Sealed pursuant to U.S. Court
Order

OTHER

Sincerely yours,

J. Edgar Hoover

~~TOP SECRET~~



UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

July 31, 1969

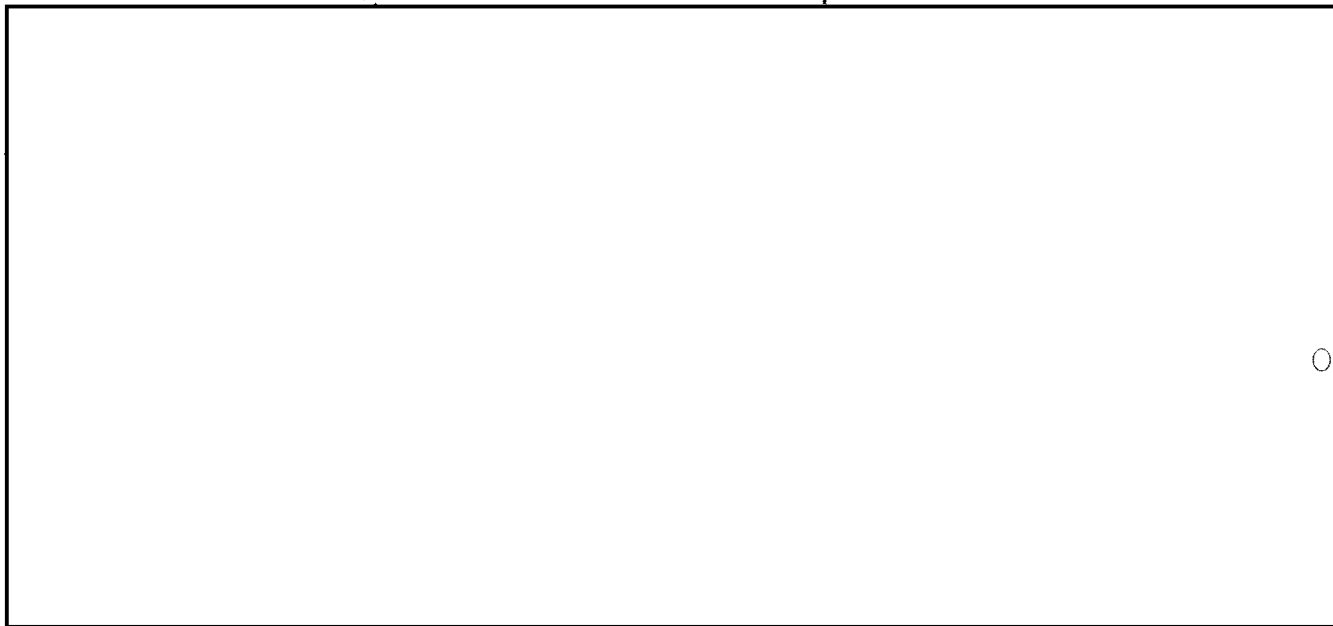
Honorable Richard M. Nixon
The White House
Washington, D.C.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/14/92 BY 6855 SP/ML/df
12-16-82 9788/ fv

Dear Mr. President:

Previous communications have set out information which we obtained from extremely sensitive sources concerning contacts made by Henry Brandon, correspondent of the "London Sunday Times," and Rick Smith of "The New York Times."



OTHER



*Down graded sec
ser.-65*

~~TOP SECRET~~
~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~
ENCLOSURE

Sealed pursuant to U.S. Court
Order

DECLASSIFIED BY 6855 DML/df
ON 10-11-77

65-75085-301

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

Honorable Richard M. Nixon

WASHINGTON, D.C. 20535
Sealed pursuant to U.S. Court
Order

OTHER

Sincerely yours,

J. Edgar Hoover

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

August 13, 1969

~~CONFIDENTIAL~~

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

CLASSIFIED BY *9788*
BY DEPARTMENT OF JUSTICE
DATE: *7-31-84* *REF*
DECLASSIFIED BY *9788*
ON *3-15-82*
12-16-82

Previous communications have set out information which we obtained from extremely sensitive sources concerning certain individuals on the White House staff and their contacts. The same sensitive sources have furnished the following additional information:

OTHER

~~TOP SECRET~~~~CONFIDENTIAL~~~~Group 1~~

Sealed pursuant to U.S. Court Order

Classified by *6855 DML/d*Exempt from GDS, Category *3*

Date of Declassification Indefinite

~~Excluded from automatic~~~~downgrading and~~~~declassification~~

ENCLOSURE

65-75085-301

10-7-77

~~TOP SECRET~~

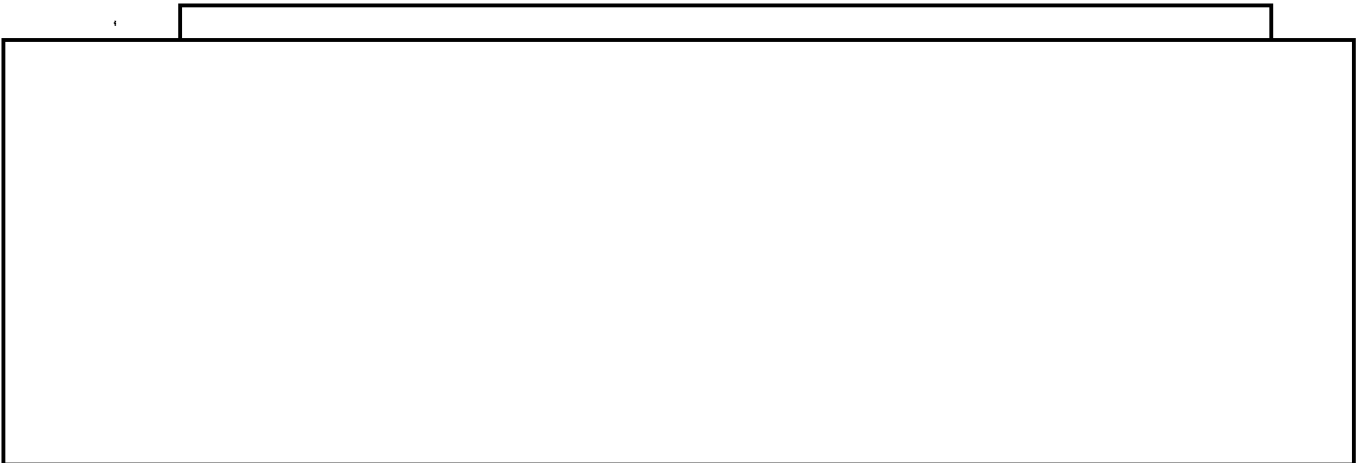
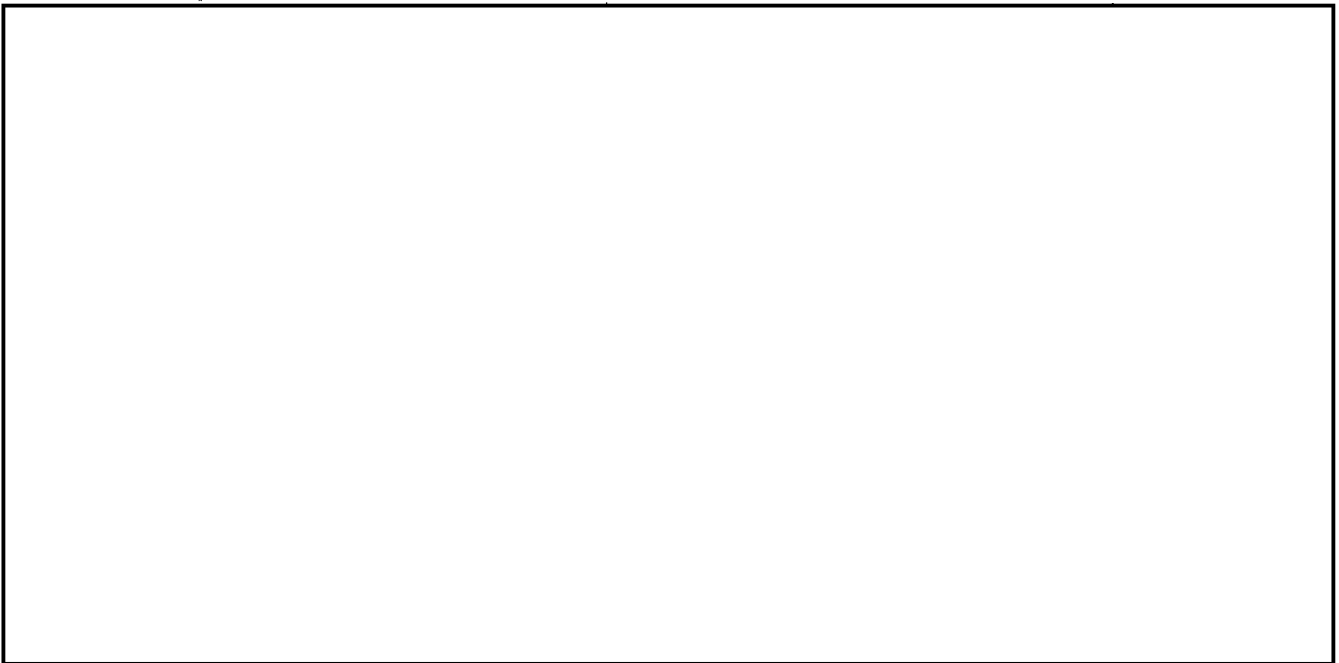
Sealed pursuant to U.S. Court Order

Honorable Richard M. Nixon

~~CONFIDENTIAL~~



OTHER



- 2 -

~~TOP SECRET~~

~~CONFIDENTIAL~~

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

Sealed pursuant to U.S. Court Order

Honorable Richard M. Nixon

~~CONFIDENTIAL~~

OTHER

[Redacted]

(u)

[Redacted]

Sincerely yours,

J. Edgar Hoover

~~CONFIDENTIAL~~

- 3 -

~~TOP SECRET~~

Excluded from automatic
downgrading and
declassification

~~TOP SECRET~~UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

August 22, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

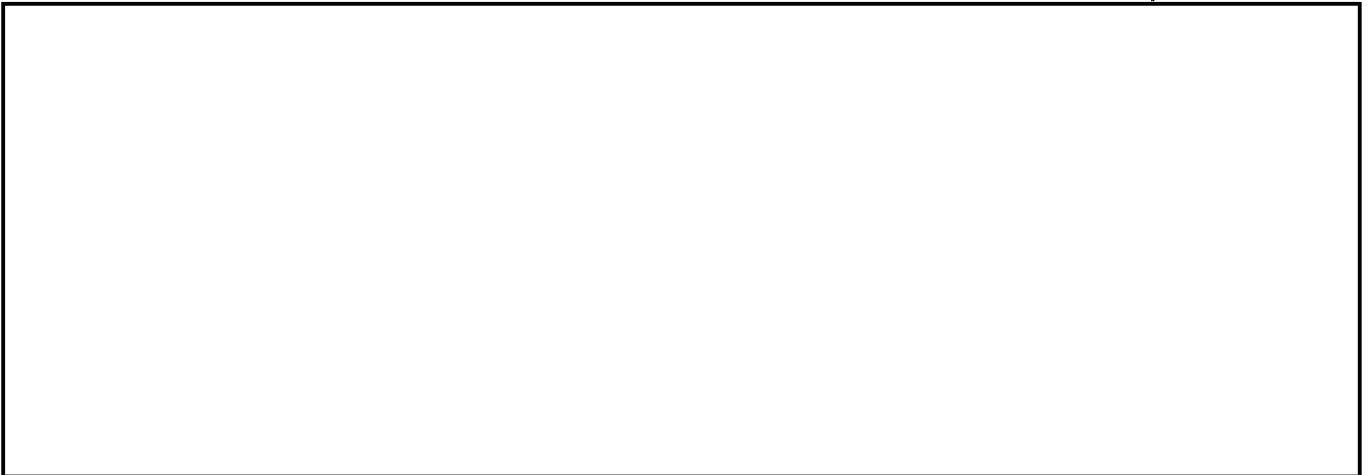
Dear Mr. President:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIEDDATE 3/16/82 BY 2858 SP/Ked/pde
12-16-82 9.488/jr

Previous communications have set out information which we obtained from extremely sensitive sources concerning certain individuals on the White House staff and their contacts. The same sensitive sources have furnished the following additional information concerning Morton H. Halperin:



OTHER



Sealed pursuant to U.S. Court Order

~~TOP SECRET~~~~Group 1~~~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

DECLASSIFIED BY 6855 JML/df
ON 10-11-77

65-75085-301

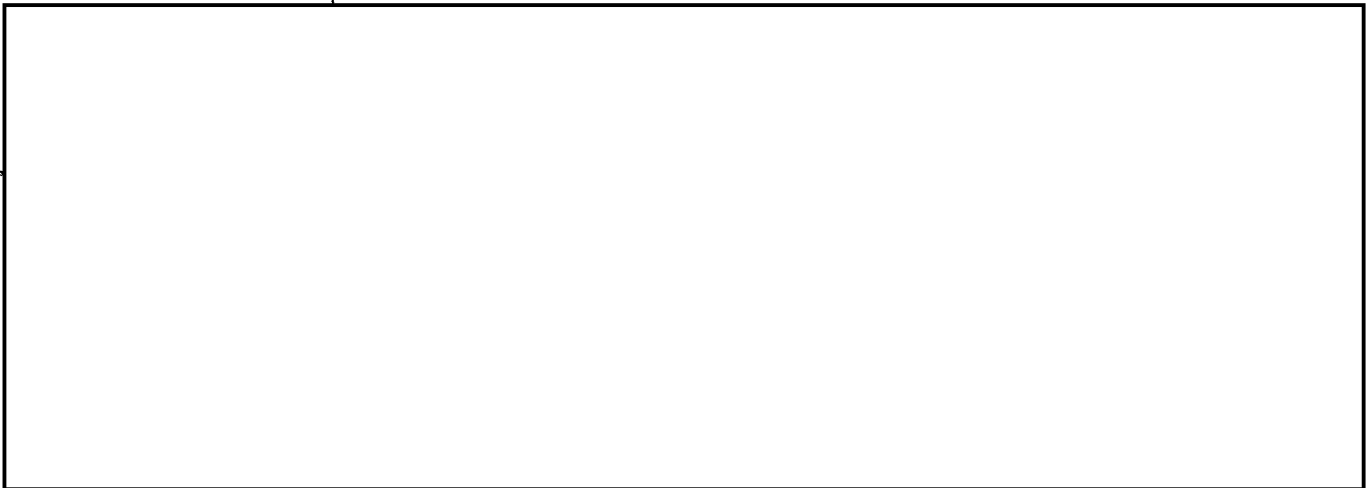
~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

Honorable Richard M. Nixon

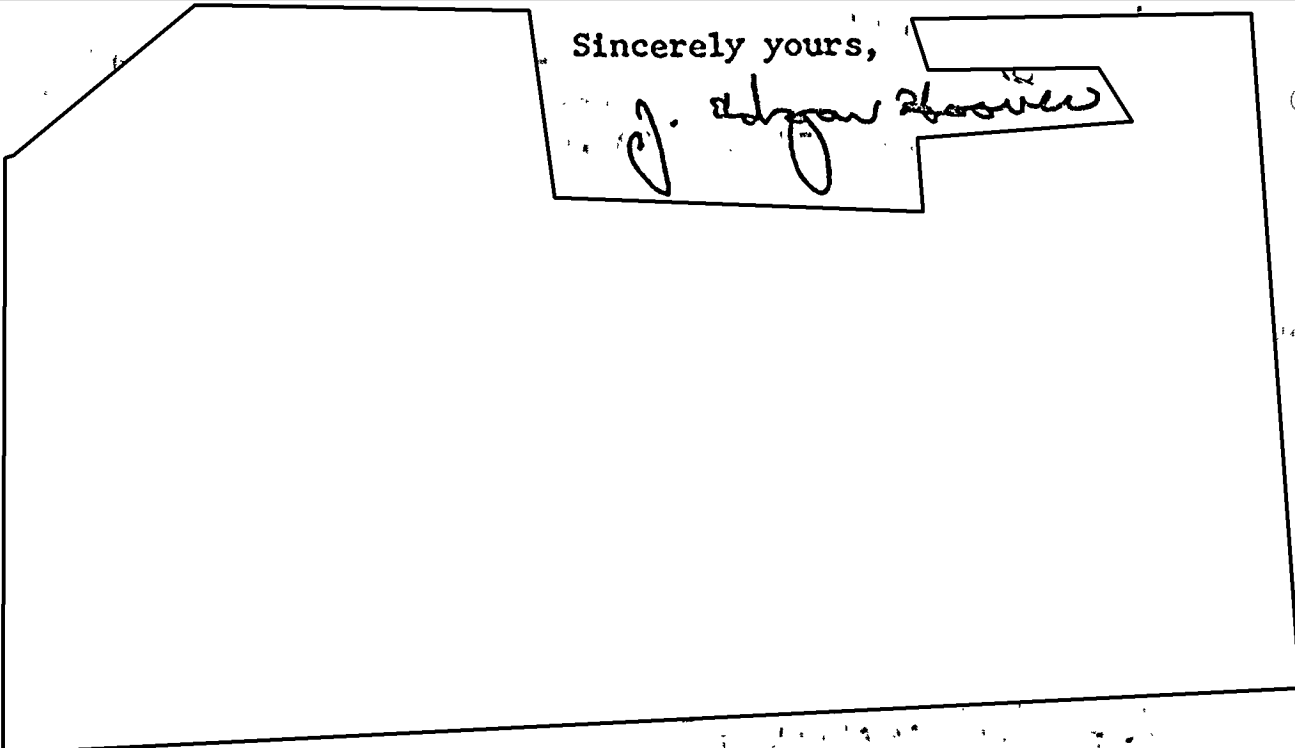
August 22, 1969



Sincerely yours,

J. Edgar Hoover

OTHER



Sealed pursuant to U.S. Court Order

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

September 3, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

Previous communications have set out information which we obtained from extremely sensitive sources concerning certain individuals on the White House staff and their contacts. The same sensitive sources have furnished the following additional information:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/18/82 BY 7855 skat/ide
12-16-82 9788/fv

OTHER

~~TOP SECRET~~

Group 1

Excluded from automatic
downgrading and
declassification

ENCLOSURE

DECLASSIFIED BY 6855 DML/ef
ON 10-11-77

65-75085-301

Honorable Richard M. Nixon

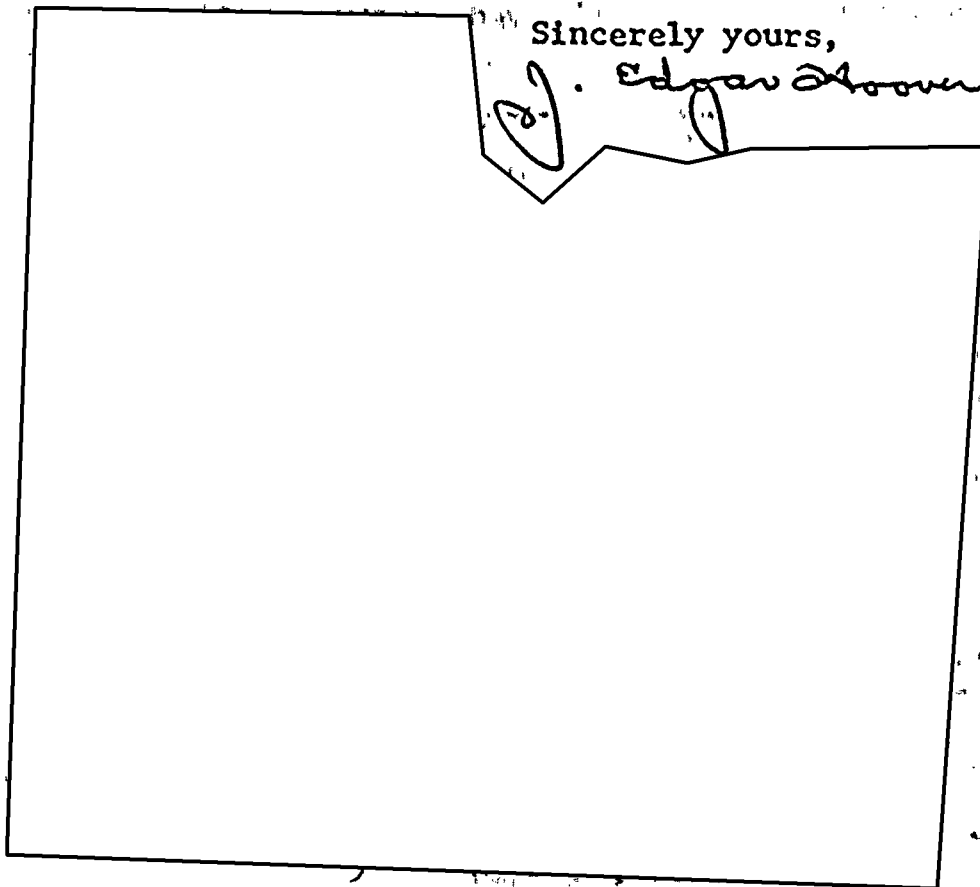
Sealed pursuant to U.S. Court Order



Sincerely yours,

J. Edgar Hoover

OTHER





9788/fv

OTHER

J. Edgar Hoover

~~TOP SECRET~~

~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

DECLASSIFIED BY
ON 10-11-77

6855 DML/df

65-75085-301



~~TOP SECRET~~
UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

October 9, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 3/11/82 BY 7588 skd/ndc
12-16-82 9788/fk

Previous communications have set out information which we obtained from extremely sensitive sources concerning certain individuals on the White House staff and their contacts. The same sensitive sources have furnished the following additional information concerning Morton H. Halperin, who is now employed with the Brookings Institution.



OTHER

Sealed pursuant to U.S. Court Order

Sincerely yours,

J. Edgar Hoover

~~TOP SECRET~~

~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

DECLASSIFIED BY 6855 DML/df
ON 10-11-77

65-75085-301

INSTRUCTIONS: This form is to be removed from file by a Filing Unit employee only upon the return of the item.

Subject: b6 b7C		
Type of mail <div style="margin-bottom: 5px;"><input type="checkbox"/> Report</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Incoming letter</div> <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> Outgoing letter <u>Hon. Richard Nixon (copy)</u></div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Memorandum</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Airtel</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Teletype</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Enclosure (describe) _____</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Laboratory Work Sheet</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Personnel Security Questionnaire (PSQ)</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Loyalty Form</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Other (describe) _____</div>	Date of Mail <div style="margin-bottom: 5px;"><u>10/10/69 (Sec 301)</u></div>	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE <u>3/14/82</u> BY <u>7886 SR/200/MLH</u> <u>12-16-82 9788/8</u></div>		
Removed for <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> Mr.</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Mrs.</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Miss</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Room </div>	Removed by <div style="border: 1px solid black; display: inline-block; width: 150px; height: 30px;"></div>	Date of Removal <div style="text-align: center; font-size: 1.2em;"><u>11/26/80</u></div>
Reason for Removal <div style="margin-bottom: 5px;"><input type="checkbox"/> For copying (If for another agency, list agency and date of request.) _____</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> To send to _____</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> To attach to _____</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> For office use _____</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> For change to another file _____</div> <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> Other (Specify) <u>for proposed destruction</u></div>		
Complete File and Serial Number <u>65-75085-301</u>		

INSTRUCTIONS: This form is to be removed from file by a Filing Unit employee only upon the return of the item.

Subject <div style="border: 1px solid black; width: 200px; height: 30px; display: inline-block;"></div>		b6 b7C		
Type of Mail		Date of Mail		
<input type="checkbox"/> Report				
<input type="checkbox"/> Incoming letter				
<input checked="" type="checkbox"/> Outgoing letter		Hon. Richard Nixon (copy) 10/13/69		
<input type="checkbox"/> Memorandum				
<input type="checkbox"/> Airtel				
<input type="checkbox"/> Teletype				
<input type="checkbox"/> Enclosure (describe)				
 <input type="checkbox"/> Laboratory Work Sheet		<div style="border: 1px solid black; padding: 5px; display: inline-block;">ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 3/18/82 BY 7858 SR/aud/mrk 12-1682 9788/f</div>		
<input type="checkbox"/> Personnel Security Questionnaire (PSQ)				
<input type="checkbox"/> Loyalty Form				
<input type="checkbox"/> Other (describe)				
Removed for <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Miss <input type="checkbox"/> Room <div style="border: 1px solid black; width: 100px; height: 30px; display: inline-block;"></div>		b6 b7C	Removed by <div style="border: 1px solid black; width: 150px; height: 30px; display: inline-block;"></div>	Date of Removal 11/26/80
Reason for Removal				
<input type="checkbox"/> For copying (If for another agency, list agency and date of request.)				
<input type="checkbox"/> To send to				
<input type="checkbox"/> To attach to				
<input type="checkbox"/> For office use				
<input type="checkbox"/> For change to another file				
<input checked="" type="checkbox"/> Other (Specify) <u>for proposed destruction</u>				
Complete File and Serial Number <u>65-75085-301</u>				

~~TOP SECRET~~UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

October 24, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 3/15/82 BY SP-5 JH/ade
12-16-82 9788/jw

Previous communications have reported information received from extremely sensitive sources concerning contacts made by members of the White House staff and other individuals. The following additional information has been received.

OTHER

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~
Group 1~~Excluded from automatic
downgrading and
declassification~~DECLASSIFIED BY 6855 DMZ/df
ON 10-11-77

ENCLOSURE

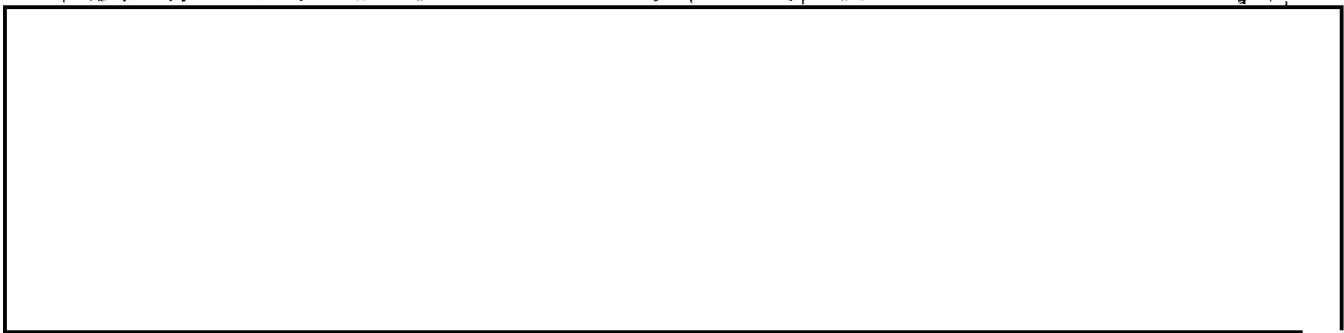
65-75085-301

~~TOP SECRET~~

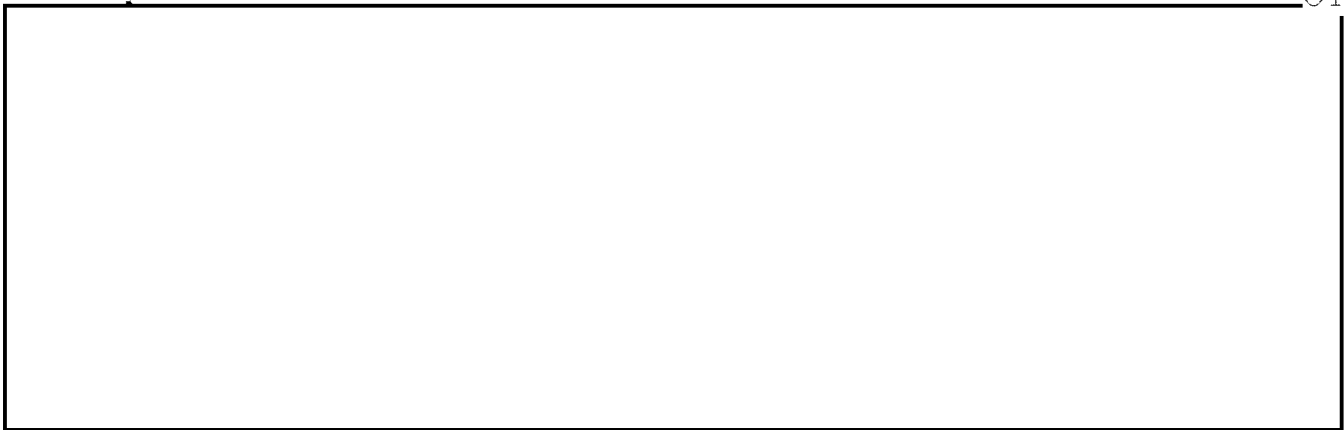
Honorable Richard M. Nixon

Sealed pursuant to U.S. Court Order

Honorable Richard M. Nixon



OTHER



~~TOP SECRET~~

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D. C.

Honorable Richard M. Nixon

July 14, 1969

Sealed pursuant to U.S. Court Order

Sincerely yours,

J. Edgar Hoover

OTHER

~~TOP SECRET~~

document and
information

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

October 28, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

Previous communications have reported information received from extremely sensitive sources concerning contacts made by members of the White House staff and other individuals. The following additional information has been received.



OTHER

Sincerely yours,

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~~~Group 1~~~~Excluded from automatic~~~~downgrading and~~~~declassification~~

ENCLOSURE

DECLASSIFIED BY 6855 DM/d
ON 10-11-77

65-75095-301



UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

November 6, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

Dear Mr. President:

DATE 3/19/82 BY 7855 SC/lead/pole
12-16-82 9788/fv

Previous communications have reported information received from extremely sensitive sources concerning contacts made by members of the White House staff and other individuals. The following additional information has been received.



OTHER

Sincerely yours,

downgraded
see ser-125

J. Edgar Hoover

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~

~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

DECLASSIFIED
ON 10-11-77

6855 DML/df

65-750.85-301

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

November 7, 1969

Sealed pursuant to U.S. Court Order

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE

9/14/82

BY

9855 [signature]

12-16-82

9788/jv

Previous communications have reported information received from extremely sensitive sources concerning contacts made by members of the White House staff and other individuals. The following additional information has been received.



OTHER

Sincerely yours,

J. Edgar Hoover

~~TOP SECRET~~~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

DECLASSIFIED BY 9855 [signature]
ON 10-11-77

65-75085-301

~~TOP SECRET~~UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

November 14, 1969

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIEDDATE 3/18/82 BY 704450/est/mde
12-16-82 97881 fu

Previous communications have reported information received from extremely sensitive sources concerning contacts made by members of the White House staff and other individuals. The following additional information has been received.



OTHER

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~~~Group 1~~~~Excluded from automatic
downgrading and
declassification~~ ENCLOSUREDECLASSIFIED BY 6855 DMU/af
ON 10-11-77

65-75085-301

UNITED STATES ~~TOP SECRET~~

FEDERAL BUREAU OF INVESTIGATION

Honorable Richard M. Nixon

January 12, 1969

Sealed pursuant to U.S. Court Order



Sincerely yours,

J. Edgar Hoover

OTHER

- 2 -
~~TOP SECRET~~

CONFIDENTIAL
ORIGINAL DESTROYED

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

munich

November 17, 1969

Sealed pursuant to U.S. Court Order

Honorable Richard M. Nixon
The White House
Washington, D. C.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 3/18/82 BY SP-5 J. J. [illegible]
12-16-82 9788/jr

Dear Mr. President:

Previous communications have reported information received from extremely sensitive sources concerning contacts made by members of the White House staff and other individuals. The following additional information has been received.

OTHER

Sincerely yours,

J. Edgar Hoover~~TOP SECRET~~~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

DECLASSIFIED BY 655 DML/ef
ON 10-11-77

ENCLOSURE

65-75085-301

THE DIRECTOR

~~TOP SECRET~~



UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

Sealed pursuant to U.S. Court Order

December 2, 1969

Honorable Richard M. Nixon
The White House
Washington, D.C.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

Dear Mr. President:

DATE 3/10/82 BY 7655 SPK/11/82
13-11-82

Previous communications have set out information which we obtained from extremely sensitive sources concerning contacts made by Henry Brandon, correspondent of the "London Sunday Times."

OTHER

~~TOP SECRET~~

Group 1

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

DECLASSIFIED

ON 10-11-77

65-75085-301

6855 DNL/1/82

~~TOP SECRET~~

Honorable Richard M. Nixon

Sealed pursuant to U.S. Court Order

Sincerely yours,

OTHER

J. Edgar Hoover

~~TOP SECRET~~



~~TOP SECRET~~
UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

December 3, 1969

[REDACTED]

Honorable Richard M. Nixon
The White House
Washington, D. C.

Dear Mr. President:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 3/14/92 BY 7858-SEP/ind
12-16-82 9781/fv

Previous communications have set out information
which we obtained from extremely sensitive sources concerning
contacts made by Henry Brandon, correspondent of the "London
Sunday Times."

[REDACTED]

[REDACTED]

[REDACTED]

OTHER

Sealed pursuant to U.S. Court Order

DECLASSIFIED BY 6855 DM4/df
ON 10-4-71

~~TOP SECRET~~
~~Group 1~~

~~Excluded from automatic~~
~~downgrading and~~
~~declassification~~

ENCLOSURE

65-75085-301

~~TOP SECRET~~

Honorable Richard M. Nixon

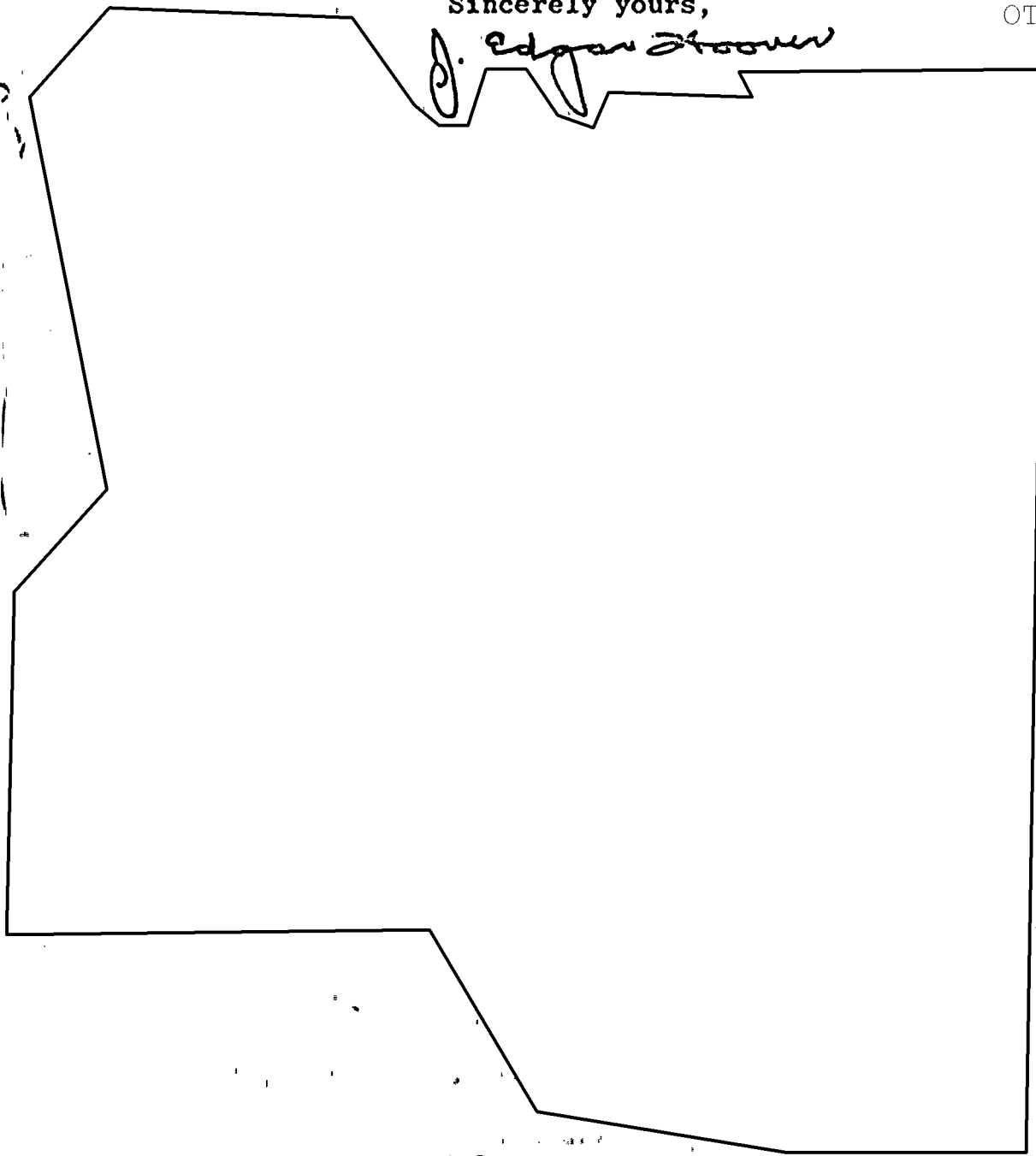
Sealed pursuant to U.S. Court Order



Sincerely yours,

OTHER

J. Edgar Hoover



~~TOP SECRET~~



~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

Sealed pursuant to U.S. Court Order

December 18, 1969

The President
The White House
Washington, D. C.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/18/82 BY 9858 se/ind/rlc
12-16-82 9488/fr

Dear Mr. President:

Previous communications have set out information which we obtained from extremely sensitive sources concerning contacts made by Henry Brandon, correspondent for the "London Sunday Times."

OTHER

DECLASSIFIED BY 6855 DM/df
ON 10-11-77

~~TOP SECRET~~

~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

65-75085-301

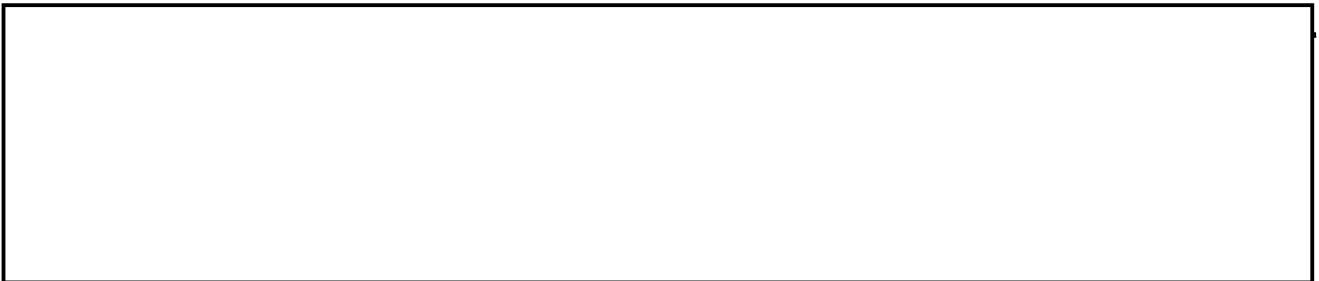
~~TOP SECRET~~

The President

Sealed pursuant to U.S. Court Order



OTHER



~~TOP SECRET~~

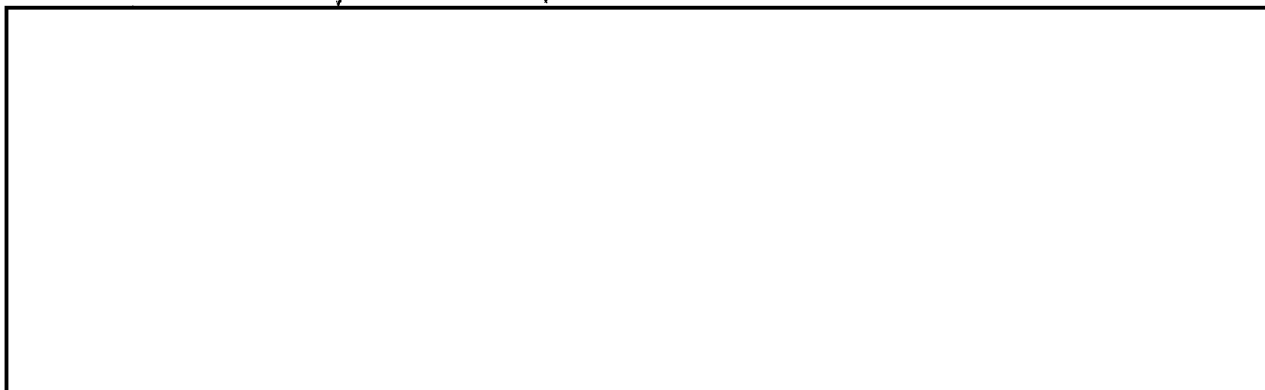


~~TOP SECRET~~
UNITED STATES DEPARTMENT OF JUSTICE
~~TOP SECRET~~
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

The President

December 18, 1969

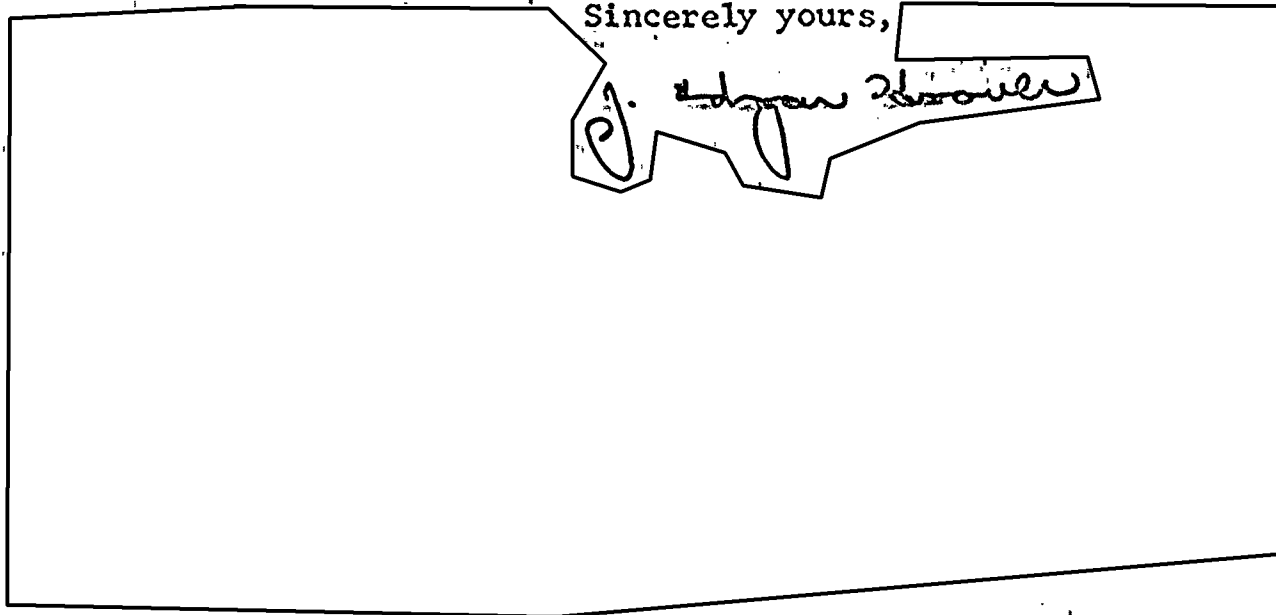
Sealed pursuant to U.S. Court Order



Sincerely yours,

J. Edgar Hoover

OTHER



~~TOP SECRET~~
Group 1
Excluded from automatic
downgrading and
declassification

~~TOP SECRET~~UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

December 31, 1969

The President
The White House
Washington, D. C.

Dear Mr. President:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIEDDATE 3/15/82 BY 1458 SP/1/1/1/1
12-16-82 9788/fv

Previous communications have furnished information which we received from extremely sensitive sources concerning contacts made by Morton H. Halperin, a former member of the White House staff who is now employed by the Brookings Institution.

OTHER

Sincerely yours,

J. Edgar Hoover

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~~~Group 1~~~~Excluded from automatic
downgrading and
declassification~~DECLASSIFIED BY 6855 DML/df
ON 10-11-77

ENCLOSURE

65-75085-301



~~TOP SECRET~~
UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

January 15, 1970

The President
The White House
Washington, D. C.

Dear Mr. President:

Previous communications have reported information received from extremely sensitive sources concerning contacts between Henry Brandon of the "London Sunday Times," and members of the White House staff.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE

3/18/82

BY

12-16-82

9788

OTHER

Sincerely yours,

J. Edgar Hoover

downgraded
see ser. 152

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~
Group 1

DECLASSIFIED BY 6855 DML/ef
ON 10-11-77

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

65-75085-301

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

January 21, 1970

The President
The White House
Washington, D. C.

Dear Mr. President:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 3/18/82 BY 7858 SP/COH/mde
12-16-82 9788/j

Previous communications have reported information received from extremely sensitive sources concerning contacts made by Henry Brandon of the "London Sunday Times." The same sensitive sources have furnished the following additional information.

OTHER

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~~~Group 1~~

~~Excluded from automatic~~
~~downgrading and~~
~~declassification~~

DECLASSIFIED BY 6855 DMK/PL
ON 10-11-77

ENCLOSURE

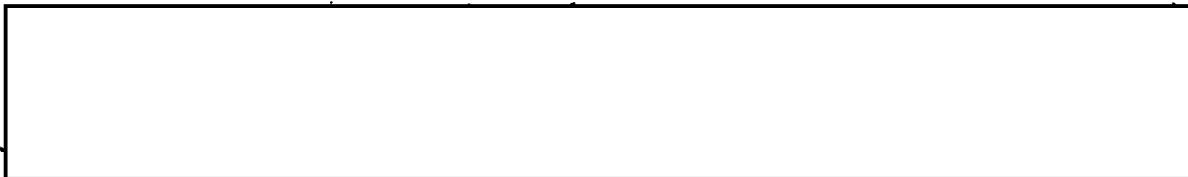
65-75085-301

UNITED STATES

~~TOP SECRET~~

The President

Sealed pursuant to U.S. Court Order



OTHER

Sincerely yours,

J. Edgar Hoover

~~TOP SECRET~~

- 2 -

declassifying and
classification

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

February 2, 1970

The President
The White House
Washington, D. C.

Dear Mr. President:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/18/82 BY 9455 SP/ud/mlc
12-16-82 9788/f

Previous communications have reported information received from extremely sensitive sources concerning contacts made by Henry Brandon of the "London Sunday Times." The same sensitive sources have furnished the following additional information.

OTHER

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

DECLASSIFIED BY 685 DMV/dfENCLOSURE ON 10-11-7

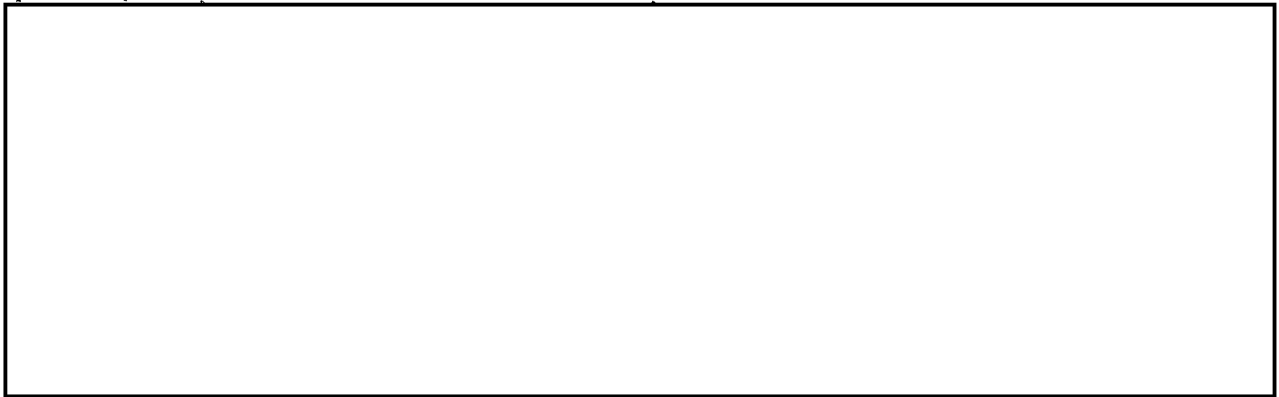
65-75085-301

~~TOP SECRET~~

February 2, 1970

The President

Sealed pursuant to U.S. Court Order



Sincerely yours,

J. Edgar Hoover

OTHER

- 2 -

~~TOP SECRET~~

5090
OFFICE OF THE DIRECTOR



~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

February 17, 1970

The President
The White House
Washington, D. C.

Dear Mr. President:

Previous communications have reported information received from extremely sensitive sources concerning contacts made by Henry Brandon of the "London Sunday Times." The same sensitive sources have furnished the following additional information.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/15/82 BY 6855 SP1/jmc
12-16-82 9788/fv

OTHER

Sincerely yours,

J. Edgar Hoover

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~

Group 1

~~Excluded from automatic
downgrading and
declassification~~

DECLASSIFIED BY 6855 Dm/ff
ON 10-11-77

ENCLOSURE

65-75085-301

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

February 27, 1970

The President
The White House
Washington, D. C.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/14/82 BY 1358 SP/CL/ML
12-16-82 9488/jv

Dear Mr. President:

Previous communications have reported information received from extremely sensitive sources concerning contacts made by Henry Brandon of the "London Sunday Times." The same sensitive sources have furnished the following additional information.

OTHER

Sincerely yours,

J. Edgar Hoover

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

ENCLOSURE

65-75085-301

DECLASSIFIED BY 6855
ON 10-11-79

~~TOP SECRET~~UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

May 4, 1970

The President
The White House
Washington, D. C.

Dear Mr. President:

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE

3/18/82

BY

9885

seal/mde

12-16-82

9788/f

Previous communications have furnished information received from extremely sensitive sources concerning contacts made by Morton H. Halperin, a former member of the White House staff, who is now employed by the Brookings Institution.

OTHER

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~

Group 1

~~Excluded from automatic
downgrading and
declassification~~

DECLAS

ON

10-11-77

6855 DMH/dj

ENCLOSURE

65-75085-301

~~TOP SECRET~~

The President

Sealed pursuant to U.S. Court Order

Sincerely yours,

J. Edgar Hoover

OTHER

~~TOP SECRET~~

~~TOP SECRET~~*safe*

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

May 8, 1970

The President
The White House
Washington, D. C.

Dear Mr. President:

Previous communications have furnished information obtained from extremely sensitive sources concerning contacts made by members of the White House staff. The same sources have furnished the following additional information.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 3/18/82 BY 3858-SP/Cad/mde
12-16-82 9788/jr

OTHER

Sincerely yours,

J. Edgar Hoover

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~
~~Group 1~~

~~Excluded from automatic~~
~~downgrading and~~
~~declassification~~

ENCLOSURE

65-75-085-301

DECLASSIFIED BY 6853 DM4/j
ON 10-11-77

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

May 11, 1970

The President
The White House
Washington, D. C.

Dear Mr. President:

Previous communications furnished information obtained from extremely sensitive sources concerning contacts made by members of the White House staff and other Government officials. The same sources have furnished the following additional information.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE

3/15/82

BY

7484-SR/CA/Inde

12-14-82

9788/fv

OTHER

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~~~Group 1~~

~~Excluded from automatic~~
~~downgrading and~~
~~declassification~~

DECLASSIFIED BY 6855 DML/dj
ON 10-11-77

ENCLOSURE

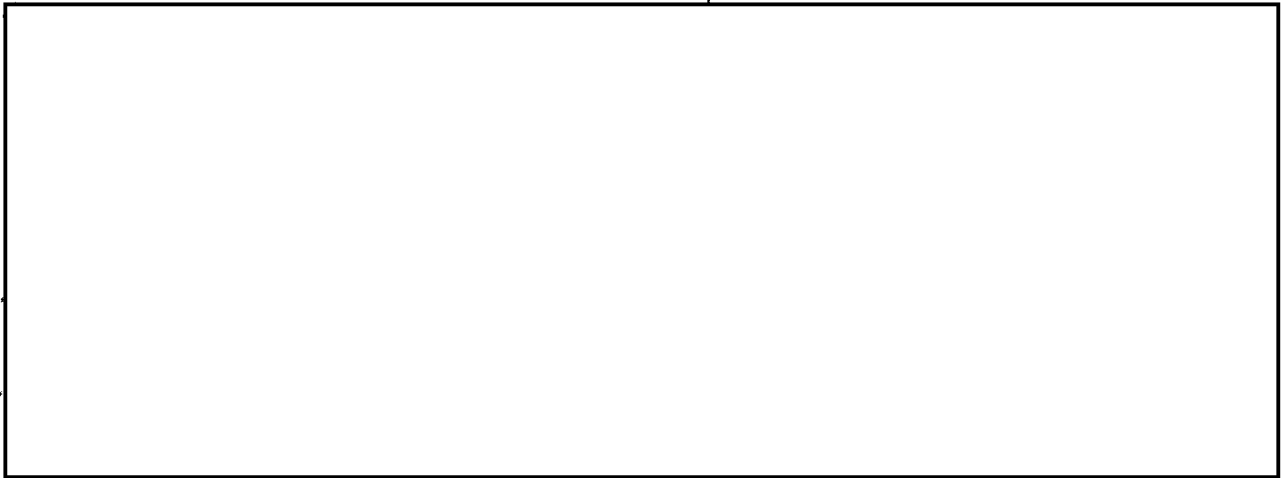
65-75085-301

~~TOP SECRET~~

Sealed pursuant to U.S. Court Order

The President

May 11, 1971



Sincerely yours,

OTHER

J. Edgar Hoover

~~TOP SECRET~~



~~TOP SECRET~~
UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

May 12, 1970

The President
The White House
Washington, D. C.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/18/82 BY 7434-SB/cj/fude
12-16-82 9788/f

Dear Mr. President:

Previous communications furnished information obtained from extremely sensitive sources concerning contacts made by members of the White House staff and other Government officials. The same sources have furnished the following additional information.

OTHER

Sincerely yours,

J. Edgar Hoover

Sealed pursuant to U.S. Court Order

~~TOP SECRET~~

Group 1

~~Excluded from automatic
downgrading and
declassification~~

DECLASSIFIED
ON 10-11-77

6855 DML *[Signature]*

ENCLOSURE

65-75085-301

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

~~SECRET~~

May 13, 1969

BY LIAISON

Honorable Henry A. Kissinger
 Assistant to the President
 for National Security Affairs
 The White House
 Washington, D. C.

ALL INFORMATION CONTAINED
 HEREIN IS UNCLASSIFIED EXCEPT
 WHERE SHOWN OTHERWISE.

Dear Dr. Kissinger:

Class. & Ext. By 7858 SR/Kud/mjk 3/18/82
 Reason-FRIM II, 1-2.4.2 13
 Date of Review 5/13/89

This is in reference to our conversation on May 9, 1969, concerning certain news stories written by William Beecher which had recently appeared in "The New York Times."

I informed you that in 1966 at the request of Marvin Watson, Assistant to the President at that time, we conducted an investigation as to a leak of information concerning the United States Government's policy in the antimissile field in connection with an article by Beecher in "The New York Times," of December 27, 1966. Our investigation disclosed that his story was primarily speculation based on public source material.

In regard to the current three articles, it is the conclusion of the sources we have contacted that the information probably came from a staff member such as Morton H. Halperin of the National Security Council. Also, it is a strong possibility that some of the information came from the Southeast Asian Desk, Public Affairs Office of the Department of Defense, as the Public Affairs Office is constituted of anti-Administration personnel.

Beecher, when asked on May 9, 1969, what his source of information was, replied that it was an excellent one. He said it was [redacted] but he did not reveal any name, adding that the [redacted]

b6
 b7C

Downgraded see

~~TOP SECRET~~~~SECRET~~~~Group 1~~

Classified by 655 DML/df
 Exempt from GDS Category 1
 Date of Declassification Indefinite
 ENCLOSURE
65-75085-301
10-7-77

~~Excluded from automatic~~
~~downgrading and~~
~~declassification~~

31 *serial 31*
 FBI 9758
 011 *12-16-82*

~~TOP SECRET~~
UNITED STATES DEPARTMENT OF JUSTICE

~~SECRET~~

Honorable Henry A. Kissinger

~~SECRET~~

In regard to Halperin, we conducted applicant-type investigations of him [redacted] and the investigations disclosed that he and other experts in his field are of the opinion that the United States leadership erred in the Vietnam commitment.

[redacted]

Also, another possible suspect is a person named Eagleburger, a State Department Foreign Service officer on detail to the National Security Council at the White House. He was formerly an assistant to former Under Secretary of State Nicholas Katzenbach and a close friend of [redacted]

b6
b7C

Another source informed us that we should not overlook [redacted] in the Defense Department since he is a close associate of one named [redacted] employed at the National Security Council. Both are arrogant Kennedy men who would not hesitate to do anything to save their jobs. [redacted] has been particularly anxious to [redacted]. Both consider [redacted] as part of a clique of the Kennedy era. Therefore, we should not ignore the possibility that [redacted] and/or [redacted] could be the source of a leak to [redacted].

In view of this conversation, I have alerted our most sensitive sources for information of interest and you will be promptly advised when any relevant data is developed in this situation.

You may be assured this matter will receive close and constant attention.

Sincerely yours,

J. Edgar Hoover

~~SECRET~~

~~SECRET~~

~~TOP SECRET~~UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

July 10, 1969

Sealed pursuant to U.S. Court Order

Honorable Henry A. Kissinger
Assistant to the President
for National Security Affairs
The White House
Washington, D. C.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE

3/14/82 BY 7858 SP/and/ndc
12-16-82 9788/f

Dear Dr. Kissinger:

My letters of May 28 and May 29, 1969, set out information which we obtained from extremely sensitive sources regarding contacts between Henry Brandon, correspondent of the "London Sunday Times," and White House staff members.

From the same extremely sensitive sources, we have learned that

OTHER

~~TOP SECRET~~~~Group 1~~

~~Excluded from automatic
downgrading and
declassification~~

DECLASSIFIED BY 6855 JML
ON 10-11-77

ENCLOSURE

65-75085-301

~~TOP SECRET~~

UNITED STATES DEPARTMENT OF JUSTICE

INVESTIGATION

Honorable Henry A. Kissinger

Sealed pursuant to U.S. Court
Order

July 10, 1963

[Redacted]

[Redacted]

The above information has also been furnished to
the President.

Sincerely yours,

J. Edgar Hoover

OTHER

~~TOP SECRET~~



UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

July 14, 1969

Sealed pursuant to U.S. Court
Order

Honorable Henry A. Kissinger
Assistant to the President
for National Security Affairs
The White House
Washington, D. C.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 3/18/82 BY 7438 SPK/ndf
12-16-82 9788/fv

Dear Dr. Kissinger:

My letter of May 28, 1969, set out information which
we obtained from extremely sensitive sources concerning contacts
made by Daniel Ira Davidson.

From the same extremely sensitive sources, we have
learned that

OTHER

DECLASSIFIED BY 685 DM/
ON 10-11-77

~~TOP SECRET~~
~~Group 1~~
~~Excluded from automatic~~ ENCLOSURE
~~downgrading and~~
~~declassification~~

65-75085-301

11-22-68 11:22 AM

28-MAY-82 04:08:16

334422-1 112451 0022

ACTIVATION: 27-MAY-82 10:01:00

NESS 10 MIN RT4

GEM 13

CALIB DATE: 22-MAY-82 14:12:04

KEY/CHNL: 0.2500463

OFF SET: -0.0226080 KEV

2130:	U.	5.	2.	2.	4.	6.	6.	4.	3.
2139:	2.	5.	2.	9.	7.	3.	3.	7.	7.
2148:	3.	6.	8.	3.	2.	4.	3.	15.	6.
2157:	U.	1.	4.	7.	3.	8.	2.	4.	4.
2166:	2.	8.	4.	6.	4.	6.	2.	3.	5.
2175:	6.	4.	3.	2.	1.	5.	4.	5.	4.
2184:	9.	U.	2.	5.	3.	6.	6.	U.	2.
2193:	2.	7.	1.	1.	7.	6.	4.	7.	4.
2202:	2.	4.	5.	4.	7.	6.	4.	6.	7.
2211:	4.	2.	4.	8.	3.	6.	6.	5.	6.
2220:	8.	4.	5.	9.	3.	4.	4.	3.	4.
2229:	6.	2.	2.	5.	7.	10.	7.	9.	10.
2238:	6.	4.	9.	5.	7.	5.	4.	3.	6.
2247:	9.	3.	3.	6.	5.	7.	10.	11.	15.
2256:	30.	29.	34.	25.	22.	12.	13.	13.	8.
2265:	3.	0.	4.	4.	6.	7.	3.	6.	6.
2274:	2.	3.	2.	7.	3.	5.	4.	5.	1.
2283:	6.	4.	1.	3.	4.	4.	3.	0.	3.
2292:	4.	8.	2.	3.	2.	0.	6.	U.	4.
2301:	7.	4.	5.	3.	8.	6.	10.	3.	3.
2310:	8.	5.	3.	5.	4.	4.	4.	7.	3.
2319:	6.	6.	10.	5.	3.	7.	4.	7.	6.
2328:	2.	11.	4.	5.	3.	5.	4.	4.	4.
2337:	4.	5.	4.	1.	4.	4.	6.	U.	8.
2346:	6.	2.	3.	3.	6.	5.	6.	6.	7.
2355:	2.	1.	3.	5.	5.	4.	3.	1.	5.
2364:	2.	7.	6.	6.	1.	3.	U.	4.	3.

U. N. U. L. L. L.

U. S. DEPT. OF JUSTICE

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:09:23

Q7B

205210225 Q2

SAMPLE WEIGHT: (UG) 13329.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 16:13:32

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 457. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	118.	21146.	0.0822	0.0007	0.9
%-ANTIMONY	564.1	65.	188.	0.0020	0.0002	9.5
%-ARSENIC	559.3	37.	20.	1.3516E-04	6.6751E-05	49.4
			CU	SB	AS	
CN15/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	225/	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L	CH 2242 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 R
PEAK CHANNELS			13	13	5	

1988:	18.	14.	14.	10.	14.	15.	17.	11.	22.
1997:	13.	15.	9.	12.	8.	20.	22.	15.	17.
2006:	8.	14.	18.	18.	23.	16.	15.	16.	14.
2015:	16.	16.	15.	20.	22.	23.	24.	21.	23.
2024:	22.	31.	34.	45.	36.	52.	91.	86.	120.
2033:	137.	210.	254.	387.	485.	687.	968.	1256.	1555.
2042:	1844.	1927.	2173.	2149.	2177.	1993.	1769.	1421.	1166.
2051:	866.	646.	420.	301.	188.	158.	113.	79.	57.
2060:	47.	38.	31.	9.	23.	19.	6.	8.	6.
2069:	3.	7.	8.	9.	4.	9.	8.	5.	11.
2078:	7.	4.	11.	3.	1.	5.	2.	4.	4.
2087:	5.	7.	7.	7.	4.	3.	3.	3.	2.
2096:	6.	2.	4.	4.	10.	5.	11.	2.	8.
2105:	5.	5.	7.	3.	4.	3.	5.	2.	3.

% COPPER

0.0822

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:09:52

G7B

20521025 02

SAMPLE WEIGHT: (UG) 13329.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 16:13:32

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 457. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN RT4

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	9.	8.	5.	6.	3.	3.	5.	3.	3.
2139:	2.	3.	2.	4.	2.	5.	0.	2.	2.
2148:	4.	3.	2.	5.	8.	5.	5.	5.	4.
2157:	3.	2.	8.	4.	3.	3.	3.	3.	5.
2166:	2.	1.	6.	6.	6.	0.	3.	8.	7.
2175:	9.	5.	4.	0.	5.	8.	3.	1.	8.
2184:	3.	8.	4.	3.	3.	4.	6.	3.	2.
2193:	5.	4.	2.	6.	4.	5.	7.	3.	3.
2202:	1.	5.	0.	5.	4.	0.	7.	1.	4.
2211:	5.	2.	4.	5.	2.	5.	1.	5.	7.
2220:	5.	5.	4.	4.	5.	5.	2.	5.	3.
2229:	6.	8.	2.	8.	2.	5.	2.	6.	5.
2238:	9.	6.	7.	4.	2.	6.	7.	8.	7.
2247:	3.	4.	7.	6.	8.	10.	6.	8.	22.
2256:	31.	34.	31.	36.	33.	14.	9.	11.	3.
2265:	4.	5.	8.	4.	3.	6.	5.	3.	4.
2274:	6.	5.	3.	7.	4.	0.	7.	2.	0.
2283:	6.	4.	5.	6.	7.	6.	3.	4.	3.
2292:	3.	2.	1.	6.	2.	6.	1.	3.	3.
2301:	3.	5.	7.	0.	4.	6.	5.	4.	5.
2310:	6.	1.	4.	8.	6.	1.	4.	6.	4.
2319:	6.	4.	6.	3.	4.	5.	11.	5.	3.
2328:	7.	3.	2.	4.	7.	2.	6.	10.	7.
2337:	4.	6.	4.	3.	6.	2.	7.	1.	2.
2346:	3.	7.	5.	7.	2.	6.	4.	3.	6.
2355:	7.	6.	2.	2.	4.	3.	2.	4.	8.
2364:	3.	5.	7.	8.	3.	6.	3.	5.	2.

% ANTIMONY

0.0020

% ARSENIC

0.0001

LEAD ANALYSIS

28-MAY-82 04:10:59

GFC

20521025 UZ

SAMPLE WEIGHT: (UG) 13902.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 16:21:22

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 457. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	110.	21678.	0.0814	0.0007	0.8
%-ANTIMONY	364.1	50.	173.	0.0018	0.0002	9.6
%-ARSENIC	559.3	44.	20.	1.3275E-04	6.8986E-05	52.0
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2257	2236	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2239 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	11.	11.	13.	18.	10.	17.	7.	10.	17.
1997:	13.	10.	10.	18.	18.	21.	15.	19.	17.
2006:	19.	19.	12.	20.	17.	17.	18.	23.	19.
2015:	14.	20.	16.	26.	17.	19.	20.	34.	17.
2024:	27.	36.	43.	49.	47.	53.	71.	100.	116.
2033:	169.	196.	287.	353.	521.	706.	941.	1319.	1523.
2042:	1876.	2048.	2275.	2270.	2133.	2022.	1772.	1483.	1232.
2051:	894.	702.	496.	313.	222.	150.	117.	89.	52.
2060:	38.	25.	29.	20.	12.	16.	11.	9.	7.
2069:	11.	5.	5.	8.	9.	4.	1.	5.	4.
2078:	7.	7.	7.	5.	2.	6.	3.	2.	8.
2087:	6.	8.	2.	5.	5.	2.	3.	4.	6.
2096:	4.	3.	1.	3.	7.	2.	6.	4.	4.
2105:	4.	5.	2.	6.	5.	0.	4.	10.	3.

% COPPER

0.0814

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:11:27

GNC

20521025 02

SAMPLE WEIGHT: (UG) 13902.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 16:21:22

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 457. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN RT4

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	4.	4.	0.	8.	4.	0.	2.	5.	3.
2139:	6.	4.	2.	3.	4.	3.	3.	2.	6.
2148:	1.	1.	6.	3.	4.	2.	1.	3.	1.
2157:	6.	3.	0.	3.	6.	2.	6.	5.	7.
2166:	7.	4.	2.	2.	2.	4.	4.	3.	1.
2175:	6.	6.	1.	3.	9.	5.	6.	2.	4.
2184:	4.	2.	4.	5.	3.	6.	4.	4.	4.
2193:	9.	5.	1.	4.	2.	8.	1.	4.	2.
2202:	6.	3.	2.	2.	5.	5.	6.	3.	6.
2211:	4.	9.	5.	7.	5.	2.	4.	3.	6.
2220:	5.	3.	4.	5.	9.	3.	4.	5.	5.
2229:	3.	5.	4.	5.	5.	5.	7.	7.	4.
2238:	7.	0.	6.	4.	9.	4.	2.	4.	4.
2247:	5.	2.	6.	5.	6.	0.	6.	12.	16.
2256:	31.	26.	40.	23.	27.	23.	7.	6.	3.
2265:	2.	1.	5.	4.	4.	2.	5.	5.	3.
2274:	1.	2.	2.	4.	3.	5.	4.	2.	3.
2283:	7.	4.	0.	6.	3.	5.	3.	4.	3.
2292:	4.	5.	6.	1.	10.	4.	5.	3.	5.
2301:	2.	3.	3.	6.	4.	3.	6.	3.	5.
2310:	2.	5.	6.	5.	6.	2.	2.	5.	2.
2319:	5.	4.	3.	6.	1.	4.	3.	2.	4.
2328:	3.	2.	11.	5.	3.	3.	5.	6.	3.
2337:	2.	4.	7.	1.	3.	2.	3.	6.	5.
2346:	4.	6.	3.	4.	5.	4.	2.	2.	4.
2355:	8.	2.	10.	7.	3.	3.	7.	7.	1.
2364:	1.	6.	3.	3.	3.	5.	4.	6.	6.

% ANTIMONY

0.0003

% ARSENIC

0.0003

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:12:35

K2A

20521025 02

SAMPLE WEIGHT: (UG) 12766.00

ACTIVATION: 27-MAY-82 10:01:00 NES 10 MIN K14

ACQUIRE DATE: 27-MAY-82 16:29:13 GEM 13

PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 452. SEC KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	59.	1918.	0.0079	0.0002	2.4
%-ANTIMONY	564.1	61.	162.	0.0018	0.0002	10.4
%-ARSENIC	559.3	35.	9.	6.0608E-05	6.4468E-05	98.3
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2236	2236	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2237 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	7.	6.	3.	8.	5.	4.	5.	6.	4.
1997:	3.	7.	7.	4.	4.	11.	8.	4.	3.
2006:	7.	10.	4.	6.	5.	4.	2.	8.	5.
2013:	6.	12.	3.	4.	4.	5.	3.	10.	5.
2024:	6.	8.	7.	9.	15.	5.	7.	11.	12.
2033:	12.	21.	26.	29.	47.	58.	87.	120.	129.
2042:	174.	189.	196.	198.	172.	184.	180.	145.	115.
2051:	87.	57.	42.	27.	20.	24.	12.	7.	9.
2060:	8.	4.	7.	3.	7.	2.	3.	3.	1.
2069:	5.	3.	6.	7.	3.	3.	5.	2.	5.
2078:	5.	6.	3.	2.	5.	2.	2.	5.	3.
2087:	6.	5.	6.	4.	2.	2.	7.	7.	8.
2096:	3.	4.	3.	3.	0.	5.	3.	4.	7.
2105:	7.	4.	3.	3.	4.	4.	3.	2.	5.

% COPPER

0.0079

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:13:03

K2A

20521025 02

SAMPLE WEIGHT: (UG) 12766.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 16:29:13

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 452. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	3.	2.	0.	4.	5.	3.	2.	2.	5.
2139:	4.	1.	6.	2.	4.	1.	1.	3.	1.
2148:	4.	6.	6.	4.	8.	4.	7.	5.	3.
2157:	8.	5.	6.	2.	4.	2.	2.	2.	4.
2166:	1.	2.	7.	3.	4.	8.	5.	2.	4.
2175:	3.	6.	2.	4.	3.	3.	5.	2.	1.
2184:	1.	5.	5.	5.	1.	3.	5.	5.	7.
2193:	4.	2.	9.	4.	2.	8.	2.	3.	2.
2202:	2.	5.	5.	2.	2.	4.	2.	4.	5.
2211:	2.	4.	2.	8.	5.	5.	4.	4.	6.
2220:	5.	6.	8.	5.	7.	4.	4.	6.	8.
2229:	6.	3.	4.	2.	4.	6.	5.	1.	0.
2238:	5.	2.	4.	2.	3.	6.	4.	3.	5.
2247:	6.	5.	4.	5.	3.	6.	7.	10.	17.
2256:	22.	28.	38.	25.	36.	15.	11.	5.	4.
2265:	4.	6.	2.	5.	2.	2.	3.	4.	0.
2274:	6.	4.	1.	6.	6.	3.	1.	6.	2.
2283:	1.	4.	3.	6.	3.	0.	4.	2.	8.
2292:	5.	4.	5.	4.	4.	3.	1.	1.	2.
2301:	6.	3.	4.	3.	3.	8.	4.	3.	1.
2310:	3.	2.	3.	3.	8.	2.	5.	6.	1.
2319:	4.	6.	2.	1.	1.	5.	1.	1.	3.
2328:	5.	5.	5.	5.	5.	2.	3.	6.	3.
2337:	7.	14.	7.	2.	5.	5.	5.	2.	5.
2346:	5.	4.	8.	4.	3.	5.	5.	2.	5.
2355:	7.	1.	4.	4.	5.	6.	3.	4.	2.
2364:	7.	5.	6.	5.	2.	3.	5.	3.	5.

% ANTIMONY

0.0000

% ARSENIC

0.0000

LEAD ANALYSIS

28-MAY-82 04:14:10

K2B

20521023 UZ

SAMPLE WEIGHT: (UG) 12877.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 16:36:59

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 452. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
Z-COPPER	511.0	56.	1181.	0.0049	0.0001	3.1
Z-ANTIMONY	564.1	61.	191.	0.0021	0.0002	9.3
Z-ARSENIC	559.3	38.	13.	9.2814E-05	6.8019E-05	73.3
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2259	2239	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2246 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	6.	4.	9.	5.	3.	4.	1.	3.	6.
1997:	3.	2.	3.	4.	4.	7.	7.	5.	4.
2006:	4.	3.	3.	5.	6.	6.	4.	2.	3.
2015:	4.	3.	4.	7.	3.	7.	10.	3.	6.
2024:	4.	2.	4.	6.	8.	9.	6.	4.	12.
2033:	13.	14.	19.	22.	32.	41.	54.	66.	104.
2042:	114.	107.	125.	129.	125.	107.	103.	75.	73.
2051:	55.	38.	27.	19.	17.	10.	13.	14.	7.
2060:	3.	5.	3.	7.	6.	5.	10.	2.	1.
2069:	3.	4.	1.	7.	2.	3.	3.	5.	5.
2078:	5.	3.	4.	6.	5.	3.	3.	4.	4.
2087:	2.	4.	2.	3.	4.	4.	6.	5.	5.
2096:	7.	1.	6.	7.	3.	6.	2.	3.	4.
2105:	8.	5.	4.	2.	1.	3.	4.	3.	2.

Z COPPER

0.0049

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:14:38

K2B

20521025 02

SAMPLE WEIGHT: (UG) 12877.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 16:36:59

GEN 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 452. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	2.	4.	1.	2.	2.	3.	1.	4.	2.
2139:	3.	0.	4.	4.	2.	4.	5.	4.	2.
2148:	3.	7.	5.	3.	4.	5.	2.	4.	1.
2157:	2.	1.	3.	4.	3.	5.	5.	3.	2.
2166:	5.	3.	6.	2.	4.	1.	3.	3.	8.
2175:	4.	1.	4.	2.	3.	3.	5.	2.	4.
2184:	6.	8.	6.	3.	5.	4.	5.	1.	4.
2193:	4.	7.	2.	4.	6.	5.	4.	4.	3.
2202:	2.	5.	4.	1.	3.	4.	4.	3.	4.
2211:	5.	4.	6.	0.	4.	7.	5.	3.	3.
2220:	6.	2.	5.	6.	4.	5.	1.	5.	3.
2229:	5.	6.	5.	5.	6.	3.	3.	2.	4.
2238:	7.	5.	3.	5.	1.	1.	4.	5.	1.
2247:	3.	5.	3.	5.	4.	1.	8.	21.	18.
2256:	33.	29.	39.	40.	29.	10.	7.	6.	8.
2265:	4.	4.	4.	6.	3.	2.	2.	2.	2.
2274:	7.	3.	4.	4.	5.	5.	3.	3.	2.
2283:	5.	3.	4.	4.	2.	4.	4.	5.	4.
2292:	4.	3.	2.	2.	6.	3.	6.	8.	0.
2301:	1.	1.	6.	1.	4.	2.	5.	2.	1.
2310:	4.	7.	5.	3.	5.	3.	6.	6.	4.
2319:	1.	5.	5.	3.	3.	5.	6.	3.	6.
2328:	6.	5.	4.	5.	6.	7.	14.	10.	4.
2337:	7.	4.	4.	3.	2.	6.	5.	3.	2.
2346:	4.	2.	1.	2.	3.	6.	4.	3.	6.
2355:	1.	0.	3.	4.	4.	5.	8.	4.	6.
2364:	0.	3.	2.	3.	4.	2.	3.	6.	2.

% ANTIMONY

0.0023

% ARSENIC

0.0001

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:15:46

K2C

20521025 UZ

SAMPLE WEIGHT: (UG) 12877.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 16:44:43 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 453. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	63.	1130.	0.0047	0.0001	3.2
%-ANTIMONY	564.1	63.	227.	0.0023	0.0002	8.3
%-ARSENIC	559.3	43.	10.	7.0424E-05	7.0838E-05	100.6

	CU	SB	AS
CNTS/UG/MIN AT RD	361.4	101.1	171.05
CENTROID CHANNEL	2045	2257	2236
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	30 L&R	80 L&R	30 L CH 2247 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1988:	6.	2.	2.	6.	9.	6.	6.	6.	1.
1997:	6.	3.	6.	6.	1.	7.	5.	1.	6.
2006:	5.	3.	5.	3.	5.	2.	4.	5.	10.
2015:	3.	6.	9.	3.	3.	2.	8.	6.	4.
2024:	3.	4.	8.	9.	6.	7.	7.	9.	10.
2033:	7.	12.	20.	23.	30.	37.	61.	63.	58.
2042:	101.	110.	98.	124.	138.	121.	108.	97.	60.
2051:	54.	47.	36.	20.	14.	14.	10.	5.	6.
2060:	6.	2.	2.	6.	6.	2.	3.	2.	1.
2069:	5.	7.	2.	4.	3.	4.	3.	11.	4.
2078:	3.	6.	3.	3.	3.	3.	3.	7.	5.
2087:	5.	4.	3.	5.	2.	4.	2.	5.	2.
2096:	2.	7.	6.	4.	10.	7.	4.	7.	3.
2105:	7.	4.	5.	4.	2.	1.	5.	2.	2.

% COPPER

0.0047

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:16:14

K2C

20521025 02

SAMPLE WEIGHT: (UG) 12877.00

ACTIVATION: 27-MAY-82 10:01:00

NES 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 16:44:43

GEN 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 453. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	4.	2.	2.	4.	5.	4.	3.	2.	2.
2139:	2.	5.	5.	7.	4.	1.	4.	1.	2.
2148:	1.	3.	5.	2.	0.	2.	2.	6.	5.
2157:	2.	5.	7.	5.	7.	1.	1.	1.	4.
2166:	6.	0.	2.	7.	5.	2.	6.	7.	6.
2175:	2.	6.	4.	3.	4.	5.	3.	4.	5.
2184:	3.	1.	2.	1.	2.	4.	6.	1.	6.
2193:	6.	5.	1.	4.	0.	3.	4.	2.	3.
2202:	6.	4.	2.	1.	4.	3.	5.	1.	7.
2211:	7.	2.	5.	4.	3.	3.	3.	2.	5.
2220:	7.	4.	0.	2.	3.	3.	2.	4.	5.
2229:	5.	1.	10.	3.	4.	7.	4.	7.	6.
2238:	3.	5.	4.	3.	5.	4.	6.	3.	8.
2247:	3.	5.	3.	2.	6.	7.	9.	18.	20.
2256:	38.	48.	42.	40.	28.	14.	13.	7.	3.
2265:	3.	5.	6.	3.	4.	6.	4.	5.	1.
2274:	7.	3.	1.	4.	6.	3.	5.	2.	4.
2283:	4.	7.	2.	8.	3.	7.	6.	4.	7.
2292:	1.	7.	5.	4.	3.	6.	2.	4.	9.
2301:	6.	5.	4.	5.	4.	4.	5.	4.	7.
2310:	0.	4.	2.	2.	4.	3.	8.	4.	0.
2319:	7.	7.	4.	4.	2.	5.	6.	1.	3.
2328:	1.	2.	8.	3.	4.	8.	4.	5.	6.
2337:	3.	6.	2.	4.	6.	8.	5.	5.	5.
2346:	3.	4.	7.	6.	7.	3.	3.	1.	5.
2355:	3.	7.	0.	2.	2.	1.	2.	2.	2.
2364:	2.	1.	3.	1.	4.	2.	4.	3.	3.

% ANTIMONY

0.00025

% ARSENIC

0.0001

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:17:21

KBA 20521025 QZ

SAMPLE WEIGHT: (UG) 12800.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 16:52:34 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 454. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	92.	9519.	0.0399	0.0005	1.1
%-ANTIMONY	564.1	63.	844.	0.0094	0.0003	3.7
%-ARSENIC	559.3	56.	83.	6.0495E-04	1.0206E-04	16.9

	CU	SB	AS
CNTS/UG/MIN AT RD	341.4	101.1	171.05
CENTROID CHANNEL	2045	2258	2238
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	50 L&R	80 L&R	30 L CH 2246 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1988:	12.	7.	9.	10.	2.	7.	10.	8.	6.
1997:	10.	11.	7.	7.	14.	14.	8.	4.	7.
2006:	11.	17.	9.	12.	9.	9.	6.	9.	13.
2013:	12.	14.	15.	11.	15.	6.	11.	12.	13.
2024:	10.	10.	9.	18.	17.	30.	27.	48.	57.
2033:	55.	93.	127.	160.	250.	291.	419.	562.	689.
2042:	774.	886.	1033.	964.	976.	923.	784.	663.	524.
2051:	414.	326.	221.	161.	94.	56.	51.	32.	28.
2060:	25.	13.	10.	15.	11.	4.	4.	6.	11.
2069:	7.	4.	7.	2.	6.	3.	4.	5.	5.
2078:	5.	7.	6.	7.	6.	5.	4.	2.	4.
2087:	7.	7.	6.	11.	6.	8.	8.	4.	5.
2096:	2.	9.	8.	3.	5.	5.	4.	5.	5.
2105:	7.	6.	6.	8.	2.	3.	4.	9.	7.

% COPPER 0.0399

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:17:49

K3A

20521025 02

SAMPLE WEIGHT: (UG) 12800.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 16:52:34

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 454. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN RT4

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	8.	6.	2.	4.	5.	3.	5.	3.	7.
2139:	6.	9.	2.	8.	3.	6.	3.	4.	5.
2148:	4.	5.	5.	5.	2.	3.	11.	5.	6.
2157:	4.	6.	1.	4.	2.	4.	5.	7.	3.
2166:	4.	2.	9.	5.	5.	5.	2.	4.	2.
2175:	4.	3.	4.	4.	6.	6.	4.	2.	3.
2184:	6.	5.	3.	4.	5.	7.	3.	5.	7.
2193:	2.	9.	5.	7.	2.	4.	3.	3.	5.
2202:	6.	6.	6.	9.	5.	4.	2.	5.	5.
2211:	7.	4.	3.	7.	8.	6.	6.	5.	8.
2220:	6.	1.	5.	3.	2.	4.	5.	7.	8.
2229:	4.	4.	1.	5.	3.	11.	14.	18.	20.
2238:	35.	20.	15.	11.	9.	7.	5.	13.	5.
2247:	9.	6.	3.	12.	15.	22.	28.	54.	87.
2256:	108.	117.	124.	139.	92.	73.	31.	16.	16.
2265:	4.	5.	4.	4.	2.	2.	4.	6.	5.
2274:	8.	5.	5.	6.	7.	3.	4.	8.	4.
2283:	5.	3.	5.	5.	9.	3.	6.	4.	4.
2292:	2.	5.	6.	6.	2.	2.	5.	5.	3.
2301:	3.	7.	5.	2.	8.	7.	1.	7.	4.
2310:	4.	3.	5.	8.	6.	8.	2.	7.	2.
2319:	9.	3.	8.	3.	7.	6.	10.	4.	2.
2328:	5.	5.	6.	10.	7.	4.	6.	12.	5.
2337:	7.	7.	2.	5.	3.	8.	6.	4.	0.
2346:	5.	3.	5.	3.	5.	4.	6.	2.	5.
2355:	6.	1.	6.	4.	2.	6.	4.	6.	1.
2364:	0.	4.	4.	8.	3.	4.	5.	4.	4.

% ANTIMONY

0.0054

% ARSENIC

0.0005

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:18:57

K3B

20521025 UZ

SAMPLE WEIGHT: (UG) 12852.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 17:00:20

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 455. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN K14

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KLV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	82.	9606.	0.0404	0.0005	1.1
%-ANTIMONY	564.1	62.	893.	0.0099	0.0004	3.6
%-ARSENIC	559.3	46.	71.	5.1525E-04	9.3168E-05	18.1
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2258	2237	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	90 L&R	30 L CH 2248 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	12.	8.	8.	9.	10.	8.	13.	9.	9.
1997:	10.	7.	5.	6.	8.	9.	6.	7.	12.
2006:	6.	7.	7.	7.	12.	4.	12.	8.	11.
2015:	7.	17.	8.	11.	7.	12.	10.	14.	11.
2024:	16.	15.	16.	24.	17.	29.	40.	52.	46.
2033:	75.	93.	120.	181.	256.	314.	431.	562.	656.
2042:	830.	990.	1003.	974.	1008.	850.	811.	674.	505.
2051:	394.	290.	199.	150.	110.	70.	48.	33.	27.
2060:	25.	21.	8.	13.	10.	9.	5.	9.	8.
2069:	8.	5.	5.	4.	7.	5.	2.	7.	5.
2078:	3.	8.	4.	5.	5.	7.	2.	7.	3.
2087:	7.	2.	2.	5.	6.	1.	7.	4.	2.
2096:	2.	5.	5.	6.	2.	3.	10.	4.	3.
2105:	6.	6.	8.	6.	5.	5.	3.	2.	5.

% COPPER

0.0404

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:19:25

K3E

20521025 UZ

SAMPLE WEIGHT: (UG) 12852.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 17:00:20

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 455. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	2.	4.	8.	8.	7.	7.	3.	4.	5.
2139:	4.	3.	6.	4.	5.	7.	4.	6.	3.
2148:	5.	7.	6.	9.	4.	2.	3.	5.	4.
2157:	4.	5.	8.	3.	4.	5.	4.	8.	2.
2166:	1.	6.	6.	4.	5.	6.	4.	5.	4.
2175:	8.	4.	6.	2.	2.	3.	4.	3.	1.
2184:	4.	5.	6.	2.	4.	7.	6.	3.	5.
2193:	1.	2.	3.	5.	7.	5.	5.	5.	1.
2202:	4.	4.	7.	6.	5.	3.	4.	3.	0.
2211:	6.	4.	7.	4.	5.	8.	6.	3.	6.
2220:	3.	5.	6.	7.	5.	5.	7.	8.	5.
2229:	3.	4.	5.	6.	11.	12.	12.	16.	27.
2238:	17.	19.	10.	15.	15.	5.	4.	6.	7.
2247:	4.	4.	7.	11.	11.	19.	25.	50.	72.
2256:	122.	143.	141.	125.	99.	68.	41.	28.	22.
2265:	9.	2.	4.	4.	4.	6.	5.	4.	8.
2274:	5.	3.	6.	6.	4.	2.	2.	6.	5.
2283:	5.	6.	5.	3.	2.	4.	6.	5.	7.
2292:	1.	4.	3.	5.	3.	3.	3.	6.	9.
2301:	2.	10.	7.	5.	9.	5.	4.	2.	9.
2310:	3.	6.	3.	5.	3.	5.	7.	4.	1.
2319:	5.	10.	4.	2.	4.	2.	3.	1.	4.
2328:	6.	6.	4.	11.	6.	8.	2.	12.	4.
2337:	8.	5.	6.	8.	3.	1.	6.	5.	3.
2346:	3.	2.	3.	6.	8.	5.	5.	5.	6.
2355:	3.	5.	6.	3.	1.	6.	2.	4.	2.
2364:	1.	1.	3.	4.	6.	6.	4.	8.	2.

% ANTIMONY

0.0055

% ARSENIC

0.0005

LEAD ANALYSIS

28-MAY-82 04:20:32

K3C

20521025 UZ

SAMPLE WEIGHT: (UG) 13185.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
 ACQUIRE DATE: 27-MAY-82 17:08:07 GEM 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 454. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	92.	10038.	0.0414	0.0005	1.1
%-ANTIMONY	564.1	54.	931.	0.0100	0.0003	3.5
%-ARSENIC	559.3	52.	105.	7.4782E-04	1.0329E-04	13.8
			CU	SE	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2257	2237	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2244 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	7.	7.	7.	9.	10.	9.	9.	11.	6.
1997:	8.	10.	4.	14.	5.	12.	9.	5.	3.
2006:	12.	14.	5.	6.	9.	11.	13.	14.	5.
2015:	5.	11.	12.	11.	12.	16.	14.	10.	22.
2024:	14.	20.	22.	22.	26.	31.	38.	40.	61.
2033:	72.	99.	125.	171.	224.	367.	434.	577.	716.
2042:	873.	930.	1021.	1051.	1086.	986.	820.	691.	528.
2051:	417.	302.	222.	151.	117.	65.	56.	48.	26.
2060:	21.	21.	8.	7.	8.	4.	1.	3.	5.
2069:	7.	9.	10.	8.	5.	7.	8.	9.	6.
2078:	4.	6.	6.	4.	4.	3.	6.	7.	2.
2087:	6.	8.	2.	5.	4.	6.	6.	1.	5.
2096:	5.	8.	6.	7.	5.	7.	3.	6.	10.
2105:	5.	3.	5.	5.	5.	5.	4.	7.	5.

% COPPER

0.0414

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:21:00

RES:

20521025 02

SAMPLE WEIGHT: (UG) 13185.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 17:08:07

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 454. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFF-SET: -0.0226080 KEV

2130:	9.	4.	5.	8.	8.	6.	3.	4.	9.
2139:	4.	6.	3.	2.	6.	5.	6.	7.	4.
2148:	3.	7.	8.	4.	5.	7.	3.	5.	8.
2157:	6.	5.	3.	4.	6.	4.	3.	2.	2.
2166:	6.	2.	3.	6.	5.	6.	3.	5.	6.
2175:	3.	6.	4.	5.	6.	5.	3.	4.	5.
2184:	6.	4.	4.	10.	5.	4.	2.	4.	1.
2193:	1.	5.	6.	3.	2.	4.	2.	3.	5.
2202:	2.	3.	2.	7.	3.	5.	7.	8.	4.
2211:	3.	8.	4.	8.	7.	5.	5.	6.	4.
2220:	6.	5.	2.	7.	4.	5.	7.	4.	8.
2229:	5.	2.	5.	6.	11.	11.	20.	21.	19.
2238:	33.	31.	10.	9.	16.	9.	3.	6.	5.
2247:	8.	6.	5.	15.	9.	21.	32.	43.	94.
2256:	104.	146.	147.	152.	109.	59.	45.	24.	7.
2265:	7.	8.	5.	8.	7.	7.	7.	2.	4.
2274:	5.	2.	6.	1.	6.	4.	11.	6.	4.
2283:	3.	6.	3.	1.	3.	3.	3.	2.	2.
2292:	1.	5.	7.	5.	6.	6.	4.	5.	4.
2301:	5.	2.	2.	6.	2.	4.	5.	6.	2.
2310:	7.	3.	2.	4.	7.	5.	2.	1.	2.
2319:	4.	6.	5.	2.	4.	7.	4.	3.	4.
2328:	8.	5.	6.	4.	2.	2.	6.	3.	4.
2337:	3.	4.	3.	6.	2.	6.	2.	3.	5.
2346:	5.	7.	3.	4.	2.	2.	4.	5.	3.
2355:	4.	3.	3.	7.	3.	3.	6.	3.	7.
2364:	6.	2.	6.	5.	1.	4.	8.	1.	7.

% ANTIMONY

0.0000

% ARSENIC

0.0000

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:22:08

K4A

20521025 QZ

SAMPLE WEIGHT: (UG) 12360.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 17:13:53

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 454. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	73.	9598.	0.0426	0.0005	1.1
%-ANTIMONY	564.1	57.	39.	4.5265E-04	1.4245E-04	31.5
%-ARSENIC	559.3	37.	12.	8.8631E-05	7.0746E-05	79.8
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2256	2235	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2241 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	7.	7.	8.	6.	5.	7.	15.	4.	10.
1997:	7.	11.	5.	7.	11.	8.	11.	10.	7.
2006:	7.	15.	10.	9.	8.	7.	3.	9.	13.
2015:	5.	10.	7.	2.	9.	18.	11.	11.	13.
2024:	11.	13.	15.	14.	26.	29.	30.	39.	49.
2033:	49.	84.	117.	142.	210.	273.	405.	541.	726.
2042:	824.	882.	980.	1000.	981.	909.	817.	646.	581.
2051:	379.	265.	232.	159.	106.	80.	70.	34.	31.
2060:	21.	16.	14.	7.	9.	6.	5.	8.	6.
2069:	1.	7.	5.	7.	4.	4.	2.	4.	3.
2078:	4.	3.	6.	2.	2.	3.	5.	5.	6.
2087:	3.	4.	9.	4.	3.	5.	3.	2.	1.
2096:	3.	3.	6.	3.	5.	3.	3.	3.	2.
2105:	4.	4.	2.	3.	3.	5.	4.	2.	2.

% COPPER

0.0426

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:22:36

K44

20521025 02

SAMPLE WEIGHT: (UG) 12360.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 17:13:53

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 454. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN RT4

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	4.	5.	5.	5.	0.	1.	5.	4.	2.
2139:	3.	3.	5.	5.	2.	4.	6.	4.	0.
2148:	2.	5.	5.	2.	2.	3.	2.	4.	5.
2157:	5.	2.	2.	6.	3.	3.	5.	5.	4.
2166:	7.	2.	1.	2.	2.	1.	2.	5.	2.
2175:	6.	0.	5.	5.	4.	5.	3.	2.	5.
2184:	4.	2.	4.	1.	3.	4.	2.	3.	2.
2193:	1.	3.	3.	6.	3.	3.	3.	3.	4.
2202:	4.	4.	4.	5.	3.	3.	2.	4.	1.
2211:	7.	1.	4.	7.	2.	3.	2.	4.	2.
2220:	2.	3.	2.	4.	3.	7.	4.	3.	4.
2229:	5.	2.	2.	8.	6.	2.	3.	5.	4.
2238:	4.	4.	3.	0.	4.	1.	5.	3.	9.
2247:	9.	2.	6.	9.	5.	7.	7.	2.	8.
2256:	7.	11.	9.	11.	5.	9.	6.	7.	1.
2265:	3.	4.	4.	0.	4.	4.	2.	3.	3.
2274:	5.	2.	1.	2.	2.	3.	2.	1.	1.
2283:	2.	4.	3.	1.	2.	3.	3.	7.	3.
2292:	2.	2.	1.	3.	4.	6.	6.	0.	3.
2301:	3.	3.	3.	5.	4.	4.	4.	5.	2.
2310:	6.	1.	4.	3.	3.	4.	4.	3.	4.
2319:	3.	3.	2.	4.	4.	3.	6.	5.	6.
2328:	3.	3.	7.	2.	6.	3.	10.	7.	3.
2337:	7.	3.	6.	6.	5.	3.	7.	3.	4.
2346:	6.	1.	4.	7.	6.	5.	7.	4.	5.
2355:	3.	1.	4.	4.	5.	5.	1.	1.	3.
2364:	4.	2.	2.	5.	2.	2.	2.	5.	5.

% ANTIMONY

0.0005

% ARSENIC

0.0001

FBI LABORATORY WASHINGTON DC
LEAD ANALYSES
28-MAY-82 04:23:43

K4B

20521023 02

SAMPLE WEIGHT: (UG) 13013.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 17:23:39 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 455. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFF-SET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
Z-COPPER	511.0	67.	10156.	0.0431	0.0005	1.1
Z-ANTIMONY	564.1	54.	49.	5.3966E-04	1.3727E-04	25.4
Z-ARSENIC	559.3	44.	7.	5.4658E-05	7.1220E-05	130.3
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2256	2236	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2242 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	12.	5.	8.	7.	3.	8.	8.	4.	9.
1997:	3.	8.	4.	14.	4.	9.	7.	7.	13.
2006:	16.	5.	4.	8.	9.	8.	7.	9.	9.
2015:	14.	10.	13.	11.	10.	14.	17.	10.	14.
2024:	8.	14.	24.	19.	20.	23.	30.	46.	71.
2033:	83.	101.	136.	187.	244.	318.	419.	534.	725.
2042:	847.	952.	1030.	1083.	1038.	970.	826.	754.	603.
2051:	442.	298.	230.	169.	97.	84.	59.	45.	26.
2060:	15.	17.	10.	6.	5.	7.	6.	8.	3.
2069:	7.	2.	4.	2.	2.	1.	6.	4.	7.
2078:	5.	2.	5.	5.	6.	6.	6.	4.	9.
2087:	3.	4.	1.	4.	2.	5.	4.	4.	4.
2096:	4.	5.	3.	1.	2.	2.	5.	2.	6.
2105:	4.	5.	2.	7.	2.	1.	5.	5.	2.

% COPPER

0.0431

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:24:11

K4E:

20521025 Q2

SAMPLE WEIGHT: (UG) 13013.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 17:23:39

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 455. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN RT4

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	4.	4.	2.	3.	5.	4.	6.	5.	1.
2139:	4.	2.	8.	3.	2.	5.	5.	4.	3.
2148:	5.	9.	3.	5.	3.	4.	7.	2.	5.
2157:	3.	2.	3.	4.	3.	3.	5.	2.	4.
2166:	2.	5.	2.	7.	6.	3.	1.	4.	5.
2175:	2.	5.	3.	4.	3.	3.	6.	2.	1.
2184:	1.	8.	5.	3.	5.	2.	3.	5.	2.
2193:	6.	4.	4.	7.	3.	1.	2.	4.	8.
2202:	3.	5.	5.	3.	2.	2.	4.	5.	6.
2211:	1.	5.	4.	1.	11.	6.	7.	4.	5.
2220:	2.	2.	1.	1.	5.	3.	3.	3.	3.
2229:	6.	3.	5.	7.	4.	4.	2.	3.	5.
2238:	6.	3.	5.	4.	1.	7.	5.	2.	2.
2247:	3.	3.	1.	3.	7.	7.	6.	5.	13.
2256:	14.	9.	14.	6.	8.	5.	6.	3.	3.
2265:	3.	3.	3.	7.	2.	2.	3.	5.	1.
2274:	2.	2.	7.	2.	5.	7.	6.	9.	8.
2283:	4.	5.	3.	5.	2.	3.	2.	5.	5.
2292:	3.	1.	4.	5.	3.	2.	4.	1.	4.
2301:	2.	6.	1.	5.	5.	3.	3.	2.	2.
2310:	2.	3.	1.	3.	5.	2.	4.	5.	1.
2319:	4.	6.	1.	3.	0.	3.	2.	7.	3.
2328:	6.	8.	2.	6.	1.	3.	6.	5.	6.
2337:	3.	7.	7.	5.	3.	2.	4.	4.	5.
2346:	3.	5.	4.	2.	3.	4.	5.	4.	2.
2355:	3.	4.	4.	4.	6.	3.	1.	5.	2.
2364:	6.	3.	2.	4.	5.	4.	3.	1.	4.

% ANTIMONY

0.0005

% ARSENIC

0.0001

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:25:19

K4C

20521025 QZ

SAMPLE WEIGHT: (UG) 12368.00

ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN R14

ACQUIRE DATE: 27-MAY-82 17:31:26 GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 454. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	72.	9911.	0.0445	0.0005	1.1
%-ANTIMONY	564.1	38.	20.	2.3205E-04	1.3463E-04	58.0
%-ARSENIC	559.3	42.	8.	6.1202E-05	7.3782E-05	120.6
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2043	2256	2237	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			30 L&R	80 L&R	30 L	CH 2239 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 R
PEAK CHANNELS			13	13	5	

1988:	5.	12.	8.	8.	9.	6.	6.	7.	12.
1997:	6.	13.	6.	5.	8.	6.	12.	4.	9.
2006:	7.	7.	8.	11.	8.	10.	14.	10.	9.
2015:	5.	12.	15.	11.	19.	7.	12.	8.	11.
2024:	18.	15.	15.	16.	34.	25.	37.	47.	48.
2033:	68.	116.	112.	180.	227.	311.	446.	519.	679.
2042:	825.	954.	1056.	995.	987.	994.	826.	727.	526.
2051:	449.	309.	221.	158.	96.	89.	48.	38.	31.
2060:	21.	15.	11.	12.	7.	12.	5.	4.	4.
2069:	6.	3.	0.	4.	0.	5.	2.	3.	4.
2078:	2.	5.	6.	9.	3.	3.	5.	5.	1.
2087:	4.	2.	5.	3.	6.	4.	2.	3.	3.
2096:	3.	4.	5.	0.	3.	3.	4.	10.	3.
2105:	1.	2.	2.	3.	3.	6.	3.	3.	2.

% COPPER

0.0445

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:25:47

KAC

20521025 02

SAMPLE WEIGHT: (UG) 12368.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 17:31:26

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 454. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	7.	3.	4.	4.	1.	5.	4.	2.	4.
2139:	5.	5.	2.	6.	4.	4.	0.	5.	3.
2148:	3.	1.	4.	2.	5.	6.	1.	4.	4.
2157:	2.	1.	1.	1.	2.	2.	3.	2.	2.
2166:	5.	1.	2.	7.	1.	5.	2.	4.	5.
2175:	5.	7.	2.	4.	4.	5.	2.	2.	5.
2184:	3.	1.	3.	4.	5.	3.	5.	2.	2.
2193:	U.	7.	5.	5.	3.	8.	2.	U.	2.
2202:	4.	2.	1.	5.	3.	3.	8.	8.	1.
2211:	3.	4.	3.	3.	2.	4.	1.	1.	3.
2220:	U.	6.	6.	3.	4.	3.	4.	U.	2.
2229:	1.	3.	3.	2.	2.	1.	3.	9.	3.
2238:	4.	1.	2.	3.	4.	3.	4.	2.	5.
2247:	2.	4.	5.	6.	3.	4.	6.	4.	10.
2256:	10.	10.	5.	4.	3.	4.	9.	5.	3.
2265:	1.	4.	2.	2.	2.	4.	6.	3.	4.
2274:	3.	2.	4.	2.	2.	2.	7.	2.	4.
2283:	4.	4.	1.	2.	3.	4.	2.	4.	3.
2292:	4.	6.	2.	3.	5.	1.	5.	4.	5.
2301:	3.	4.	2.	3.	6.	4.	U.	2.	1.
2310:	2.	2.	2.	3.	U.	3.	7.	U.	5.
2319:	4.	2.	6.	2.	2.	2.	4.	2.	4.
2328:	3.	2.	3.	6.	3.	6.	2.	7.	6.
2337:	2.	8.	4.	7.	2.	2.	4.	4.	4.
2346:	2.	2.	3.	2.	5.	4.	6.	5.	1.
2355:	8.	2.	5.	1.	2.	3.	1.	6.	4.
2364:	4.	0.	6.	7.	3.	2.	3.	4.	2.

% ANTIMONY

U. U. U. U. U.

% ARSENIC

U. U. U. U. U.

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:26:54

K5A

20521023 02

SAMPLE WEIGHT: (UG) 12437.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN K14
 ACQUIRE DATE: 27-MAY-82 17:39:12 GEN 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 469. SEC KLV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	397.	5505.	0.0248	0.0004	1.5
%-ANTIMONY	564.1	220.	55841.	0.6423	0.0031	0.5
%-ARSENIC	559.3	300.	727.	0.0056	0.0003	5.0

	CU	SB	AS
CNTS/UG/MIN AT RD	361.4	101.1	171.05
CENTROID CHANNEL	2045	2258	2238
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	50 L&R	80 L&R	30 L CH 2245 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1988:	28.	31.	34.	39.	38.	36.	29.	43.	36.
1997:	23.	39.	40.	39.	29.	29.	32.	34.	40.
2006:	31.	34.	45.	36.	32.	30.	28.	43.	35.
2015:	33.	30.	37.	32.	29.	34.	38.	43.	34.
2024:	36.	38.	30.	28.	37.	35.	54.	45.	46.
2033:	69.	75.	79.	135.	136.	216.	253.	339.	419.
2042:	499.	539.	604.	602.	544.	564.	490.	428.	356.
2051:	265.	185.	135.	103.	79.	63.	70.	44.	46.
2060:	30.	31.	33.	33.	36.	32.	33.	25.	13.
2069:	33.	19.	31.	25.	27.	18.	43.	19.	20.
2078:	31.	24.	25.	28.	30.	22.	28.	23.	35.
2087:	36.	26.	24.	21.	16.	21.	24.	25.	21.
2096:	27.	26.	32.	34.	29.	26.	29.	29.	32.
2105:	21.	25.	18.	29.	23.	34.	31.	23.	24.

% COPPER

0.0248

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:27:22

K54

20521025 02

SAMPLE WEIGHT: (UG) 12437.00

ACTIVATION: 27-MAY-82 10:01:00

NES 10 MIN K14

ACQUIRE DATE: 27-MAY-82 17:39:12

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 469. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	29.	30.	24.	22.	24.	27.	30.	21.	24.
2139:	19.	22.	35.	24.	24.	30.	18.	28.	32.
2148:	20.	18.	23.	36.	25.	21.	29.	12.	20.
2157:	27.	23.	17.	31.	21.	23.	24.	37.	33.
2166:	27.	32.	41.	26.	31.	19.	24.	20.	23.
2175:	30.	23.	16.	28.	18.	24.	33.	26.	29.
2184:	22.	24.	31.	37.	21.	29.	18.	24.	17.
2193:	32.	30.	25.	22.	36.	19.	21.	35.	30.
2202:	25.	19.	31.	31.	28.	32.	25.	24.	22.
2211:	23.	28.	37.	29.	24.	25.	38.	23.	34.
2220:	42.	31.	34.	35.	34.	29.	40.	38.	42.
2229:	34.	36.	43.	44.	63.	103.	121.	173.	203.
2238:	233.	202.	194.	162.	118.	93.	91.	84.	94.
2247:	123.	129.	170.	248.	400.	708.	1543.	2751.	4419.
2256:	6500.	8250.	8868.	8291.	6336.	4184.	2495.	1173.	543.
2265:	170.	55.	39.	18.	16.	12.	19.	12.	14.
2274:	14.	18.	14.	18.	15.	17.	12.	13.	10.
2283:	9.	9.	18.	14.	12.	11.	12.	16.	15.
2292:	9.	6.	11.	10.	5.	12.	11.	8.	7.
2301:	17.	15.	8.	11.	6.	12.	10.	10.	10.
2310:	14.	10.	6.	20.	12.	10.	9.	11.	14.
2319:	6.	14.	8.	9.	12.	9.	16.	10.	12.
2328:	7.	12.	11.	10.	14.	15.	9.	16.	13.
2337:	9.	3.	6.	11.	8.	7.	5.	3.	11.
2346:	13.	9.	7.	15.	7.	10.	12.	8.	15.
2355:	8.	4.	5.	10.	12.	8.	8.	11.	7.
2364:	6.	7.	10.	8.	11.	11.	9.	9.	7.

% ANTIMONY 0.05423

% ARSENIC 0.0036

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:28:30

K513

20521025 02

SAMPLE WEIGHT: (UG) 12923.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 17:47:15 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 470. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
Z-COPPER	511.0	418.	5705.	0.0249	0.0004	1.5
Z-ANTIMONY	564.1	227.	59079.	0.6549	0.0031	0.5
Z-ARSENIC	559.3	338.	796.	0.0059	0.0003	4.9
			CU	SE	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2258	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2244 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	32.	38.	34.	27.	30.	25.	33.	36.	43.
1997:	52.	40.	37.	47.	30.	35.	32.	36.	29.
2006:	48.	37.	31.	29.	39.	25.	39.	38.	29.
2015:	35.	29.	38.	39.	29.	32.	37.	39.	38.
2024:	20.	37.	41.	40.	39.	51.	51.	63.	62.
2033:	77.	83.	104.	116.	145.	207.	271.	327.	435.
2042:	507.	564.	644.	613.	607.	587.	531.	425.	324.
2051:	288.	205.	147.	113.	83.	63.	54.	51.	60.
2060:	37.	41.	28.	27.	29.	23.	35.	35.	34.
2069:	31.	46.	30.	21.	31.	29.	43.	36.	38.
2078:	21.	37.	23.	30.	27.	38.	29.	35.	29.
2087:	20.	28.	22.	30.	31.	26.	32.	19.	23.
2096:	33.	29.	19.	26.	35.	24.	29.	28.	31.
2105:	31.	30.	30.	31.	35.	27.	28.	16.	39.

% COPPER

0.0249

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:28:38

KSE

20521025 02

SAMPLE WEIGHT: (UG) 12923.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN K14

ACQUIRE DATE: 27-MAY-82 17:47:15

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 470. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	28.	27.	23.	29.	25.	34.	20.	34.	31.
2139:	29.	28.	25.	22.	29.	35.	29.	37.	39.
2148:	33.	23.	22.	26.	36.	34.	32.	27.	30.
2157:	25.	29.	18.	26.	27.	30.	28.	30.	30.
2166:	27.	28.	34.	22.	28.	26.	25.	24.	23.
2175:	21.	17.	19.	36.	28.	29.	26.	22.	22.
2184:	16.	31.	26.	22.	28.	35.	19.	38.	25.
2193:	31.	28.	27.	21.	30.	20.	29.	33.	26.
2202:	28.	30.	23.	32.	28.	39.	40.	25.	33.
2211:	35.	30.	23.	33.	27.	25.	37.	39.	32.
2220:	21.	30.	40.	38.	47.	36.	36.	38.	27.
2229:	31.	41.	45.	43.	83.	101.	143.	174.	207.
2238:	257.	242.	190.	132.	119.	106.	79.	80.	119.
2247:	117.	161.	164.	243.	405.	816.	1590.	2933.	4721.
2256:	7004.	8595.	9302.	8707.	6786.	4519.	2574.	1236.	523.
2265:	189.	82.	33.	20.	23.	21.	12.	19.	12.
2274:	13.	14.	15.	17.	12.	8.	11.	13.	8.
2283:	14.	15.	14.	10.	10.	9.	12.	17.	11.
2292:	12.	18.	10.	19.	11.	12.	4.	10.	12.
2301:	8.	11.	15.	13.	12.	13.	7.	8.	14.
2310:	8.	9.	20.	10.	12.	11.	11.	9.	13.
2319:	11.	8.	11.	13.	8.	6.	8.	8.	15.
2328:	7.	13.	17.	10.	7.	8.	16.	8.	14.
2337:	8.	8.	10.	14.	13.	8.	10.	16.	6.
2346:	10.	11.	12.	11.	11.	13.	8.	3.	9.
2355:	8.	13.	9.	11.	9.	11.	11.	12.	8.
2364:	8.	6.	10.	12.	15.	14.	11.	17.	9.

% ANTIMONY

0.254%

% ARSENIC

0.005%

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:30:06

K5L

20521025 02

SAMPLE WEIGHT: (UG) 12725.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 17:35:18

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 469. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	398.	5385.	0.0240	0.0004	1.5
%-ANTIMONY	564.1	256.	57113.	0.6439	0.0031	0.5
%-ARSENIC	559.3	300.	773.	0.0058	0.0003	4.8
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2258	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L	CH 2244 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 R
PEAK CHANNELS			13	13	5	

1988:	28.	25.	40.	27.	26.	36.	36.	24.	40.
1997:	44.	34.	38.	45.	37.	30.	32.	38.	41.
2006:	36.	26.	22.	38.	32.	30.	33.	45.	30.
2015:	39.	42.	26.	35.	33.	32.	32.	35.	28.
2024:	31.	43.	28.	32.	37.	43.	61.	48.	66.
2033:	59.	73.	100.	114.	148.	189.	264.	353.	385.
2042:	452.	572.	630.	584.	544.	512.	492.	422.	331.
2051:	242.	214.	188.	100.	89.	78.	61.	44.	61.
2060:	30.	41.	32.	34.	29.	40.	44.	20.	22.
2069:	35.	28.	28.	26.	26.	35.	28.	21.	27.
2078:	31.	32.	24.	31.	20.	21.	31.	26.	24.
2087:	19.	29.	26.	16.	21.	31.	26.	30.	28.
2096:	23.	25.	30.	22.	31.	32.	26.	31.	31.
2105:	24.	24.	28.	29.	27.	19.	26.	27.	26.

% COPPER

0.0240

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:30:34

KSC

20521025 Q2

SAMPLE WEIGHT: (UG) 12/25.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 17:55:18

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 469. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN RT4

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	28.	23.	27.	18.	33.	32.	21.	22.	23.
2139:	30.	27.	32.	18.	22.	24.	25.	31.	29.
2148:	27.	21.	31.	17.	22.	19.	18.	25.	25.
2157:	27.	22.	40.	24.	37.	22.	36.	34.	26.
2166:	15.	31.	38.	30.	40.	23.	19.	31.	27.
2175:	24.	31.	21.	35.	22.	26.	24.	29.	31.
2184:	40.	29.	30.	23.	25.	14.	25.	24.	28.
2193:	27.	29.	23.	31.	29.	33.	22.	28.	20.
2202:	31.	23.	31.	31.	24.	24.	30.	27.	25.
2211:	33.	25.	27.	42.	34.	36.	24.	31.	27.
2220:	36.	27.	28.	35.	24.	37.	26.	38.	39.
2229:	51.	43.	56.	66.	70.	89.	142.	193.	220.
2238:	228.	222.	193.	134.	113.	100.	86.	96.	101.
2247:	145.	142.	182.	228.	412.	713.	1489.	2748.	4681.
2256:	6623.	8368.	9200.	8224.	6615.	4358.	2505.	1270.	577.
2265:	220.	58.	32.	17.	17.	14.	11.	13.	21.
2274:	17.	11.	14.	14.	11.	14.	11.	11.	19.
2283:	16.	14.	10.	21.	8.	12.	11.	11.	16.
2292:	14.	12.	7.	17.	18.	9.	12.	10.	16.
2301:	16.	7.	14.	7.	9.	11.	10.	14.	15.
2310:	14.	10.	13.	10.	14.	15.	13.	14.	18.
2319:	14.	8.	11.	15.	8.	12.	14.	9.	11.
2328:	14.	7.	13.	17.	9.	11.	17.	12.	11.
2337:	10.	8.	16.	14.	6.	13.	14.	6.	10.
2346:	9.	13.	8.	3.	8.	14.	14.	12.	11.
2355:	12.	14.	6.	13.	12.	8.	9.	5.	12.
2364:	6.	13.	16.	2.	10.	7.	7.	9.	16.

% ANTIMONY

0.5435

% ARSENIC

0.0053

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:31:41

K&A

20521023 02

SAMPLE WEIGHT: (UG) 12812.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 18:03:20

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 470. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	376.	5321.	0.0238	0.0004	1.5
%-ANTIMONY	564.1	246.	56218.	0.6304	0.0031	0.5
%-ARSENIC	559.3	317.	630.	0.0047	0.0003	5.7
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2258	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2245 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	32.	32.	30.	42.	31.	34.	29.	39.	39.
1997:	24.	27.	31.	24.	49.	38.	35.	35.	39.
2006:	38.	30.	34.	42.	31.	35.	29.	38.	38.
2015:	20.	25.	32.	34.	36.	32.	37.	32.	83.
2024:	35.	36.	34.	33.	43.	39.	47.	43.	60.
2033:	77.	69.	95.	134.	154.	202.	228.	346.	361.
2042:	477.	532.	557.	589.	586.	498.	509.	407.	345.
2051:	262.	223.	130.	103.	98.	88.	42.	39.	51.
2060:	36.	39.	35.	36.	18.	33.	36.	25.	28.
2069:	28.	26.	23.	21.	30.	25.	24.	26.	22.
2078:	29.	18.	23.	25.	27.	35.	29.	31.	31.
2087:	22.	29.	29.	34.	23.	30.	25.	24.	24.
2096:	25.	23.	24.	25.	29.	28.	26.	28.	25.
2105:	26.	27.	17.	26.	27.	34.	15.	20.	32.

% COPPER

0.0238

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:32:10

K&A

20521025 02

SAMPLE WEIGHT: (UG) 12812.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 18:03:20 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 470. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

2130:	25.	24.	28.	13.	28.	32.	28.	35.	21.
2137:	30.	22.	26.	18.	13.	19.	19.	26.	23.
2148:	18.	31.	28.	34.	29.	24.	35.	23.	44.
2157:	27.	29.	27.	30.	20.	34.	26.	24.	29.
2166:	25.	28.	23.	27.	29.	22.	26.	43.	25.
2175:	23.	25.	26.	26.	29.	30.	31.	23.	29.
2184:	32.	26.	22.	30.	34.	21.	20.	24.	28.
2193:	19.	29.	35.	28.	31.	29.	23.	30.	29.
2202:	22.	22.	35.	27.	30.	30.	33.	26.	28.
2211:	23.	35.	28.	33.	40.	26.	39.	28.	23.
2220:	35.	30.	31.	28.	30.	34.	35.	31.	40.
2229:	35.	40.	43.	42.	70.	96.	120.	164.	171.
2238:	206.	212.	164.	147.	119.	107.	113.	86.	104.
2247:	100.	126.	180.	254.	417.	722.	1379.	2659.	4467.
2256:	6611.	8079.	9030.	8279.	6477.	4410.	2564.	1257.	530.
2265:	219.	83.	27.	18.	12.	14.	12.	17.	8.
2274:	7.	9.	9.	16.	12.	9.	14.	12.	5.
2283:	10.	9.	8.	14.	14.	9.	7.	19.	9.
2292:	13.	9.	10.	8.	9.	15.	9.	10.	13.
2301:	9.	8.	14.	6.	13.	15.	13.	7.	11.
2310:	5.	13.	5.	15.	11.	5.	11.	14.	8.
2319:	10.	9.	8.	12.	9.	12.	6.	11.	9.
2328:	6.	12.	5.	14.	10.	10.	9.	14.	9.
2337:	9.	12.	8.	9.	9.	9.	8.	9.	7.
2346:	9.	11.	9.	8.	9.	10.	10.	11.	11.
2355:	13.	12.	11.	16.	11.	7.	14.	7.	8.
2364:	13.	9.	9.	7.	8.	8.	6.	7.	7.

2 ANTIMONY

0.2504

2 ARSENIC

0.0042

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:33:17

KAB

20521025 QZ

SAMPLE WEIGHT: (UG) 12708.00

ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 18:11:23 GEM 13

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 470. SEC CALIB DATE: 27-MAY-82 14:12:04

ELAPSED LIVE TIME: 450. SEC KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	392.	5292.	0.0240	0.0004	1.6
%-ANTIMONY	564.1	244.	56513.	0.6398	0.0031	0.5
%-ARSENIC	559.3	285.	736.	0.0056	0.0003	4.9
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2238	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2243 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	41.	42.	35.	38.	37.	36.	33.	31.	29.
1997:	24.	42.	28.	31.	42.	30.	29.	37.	34.
2006:	29.	38.	36.	27.	28.	33.	37.	30.	27.
2015:	33.	25.	30.	36.	34.	44.	37.	35.	38.
2024:	27.	36.	42.	38.	42.	46.	38.	53.	62.
2033:	73.	74.	97.	114.	139.	192.	226.	334.	366.
2042:	491.	513.	539.	606.	576.	537.	482.	436.	339.
2051:	239.	198.	158.	110.	89.	89.	51.	57.	43.
2060:	43.	22.	31.	37.	45.	28.	44.	33.	24.
2069:	36.	17.	27.	30.	27.	25.	28.	22.	30.
2078:	22.	21.	19.	31.	20.	35.	20.	30.	27.
2087:	25.	27.	32.	26.	24.	19.	25.	28.	24.
2096:	33.	23.	32.	32.	33.	32.	24.	27.	23.
2105:	20.	28.	27.	25.	24.	23.	29.	28.	24.

% COPPER

0.0240

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:33:43

KAB

20521025 02

SAMPLE WEIGHT: (UG) 12708.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 18:11:23

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 470. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	34.	25.	26.	21.	33.	25.	34.	35.	27.
2139:	26.	25.	24.	25.	23.	26.	22.	25.	22.
2148:	27.	22.	20.	24.	28.	26.	24.	33.	25.
2157:	29.	27.	26.	26.	34.	31.	21.	33.	24.
2166:	19.	30.	24.	28.	28.	23.	25.	27.	23.
2175:	28.	21.	29.	24.	21.	34.	23.	28.	30.
2184:	15.	20.	30.	37.	24.	28.	34.	26.	16.
2193:	26.	22.	26.	29.	36.	23.	26.	33.	24.
2202:	28.	22.	23.	32.	15.	32.	27.	32.	26.
2211:	27.	19.	30.	22.	27.	28.	23.	23.	29.
2220:	44.	31.	28.	21.	33.	36.	25.	31.	38.
2229:	43.	45.	50.	40.	66.	92.	140.	170.	171.
2238:	243.	245.	172.	150.	125.	80.	100.	82.	102.
2247:	122.	150.	150.	233.	356.	719.	1410.	2789.	4488.
2256:	6444.	8216.	8889.	8311.	6626.	4504.	2531.	1281.	551.
2265:	185.	80.	30.	15.	22.	11.	15.	13.	17.
2274:	9.	12.	13.	12.	16.	11.	13.	8.	7.
2283:	13.	12.	7.	11.	6.	9.	12.	13.	9.
2292:	13.	14.	14.	17.	6.	12.	15.	12.	12.
2301:	10.	11.	8.	10.	14.	7.	11.	3.	6.
2310:	12.	12.	7.	8.	13.	10.	18.	11.	4.
2319:	14.	15.	9.	6.	5.	9.	7.	11.	8.
2328:	9.	12.	8.	11.	12.	10.	13.	12.	13.
2337:	10.	17.	9.	14.	9.	10.	8.	7.	11.
2346:	12.	11.	12.	12.	10.	10.	10.	6.	6.
2355:	7.	9.	7.	8.	7.	11.	7.	9.	10.
2364:	4.	5.	8.	13.	8.	15.	10.	14.	6.

% ANTIMONY

0.45358

% ARSENIC

0.00525

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:34:53

K&C

20521025 UZ

SAMPLE WEIGHT: (UG) 13032.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 18:19:26 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 470. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
Z-COPPER	511.0	386.	5539.	0.0247	0.0004	1.5
Z-ANTIMONY	564.1	239.	58118.	0.6425	0.0031	0.5
Z-ARSENIC	559.3	336.	721.	0.0054	0.0003	5.2
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2258	2238	
HALF-LIFE			12.6 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2245 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	35.	38.	37.	34.	35.	32.	33.	39.	32.
1997:	24.	35.	27.	34.	38.	25.	43.	30.	43.
2006:	34.	30.	27.	40.	37.	38.	32.	31.	29.
2015:	34.	33.	28.	47.	48.	28.	35.	33.	39.
2024:	37.	44.	33.	32.	38.	43.	37.	54.	70.
2033:	63.	90.	98.	103.	144.	213.	229.	314.	412.
2042:	454.	543.	581.	628.	610.	542.	533.	442.	344.
2051:	293.	190.	173.	112.	94.	71.	54.	51.	52.
2060:	35.	46.	30.	28.	28.	27.	28.	35.	26.
2069:	28.	23.	41.	28.	34.	27.	27.	16.	20.
2078:	27.	24.	28.	34.	32.	30.	35.	27.	22.
2087:	28.	34.	26.	24.	19.	28.	29.	24.	30.
2096:	32.	23.	23.	29.	31.	29.	28.	25.	23.
2105:	32.	20.	34.	31.	22.	22.	26.	33.	23.

% COPPER

0.0247

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:35:21

KSC

20521025 02

SAMPLE WEIGHT: (UG) 13032.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 18:19:26

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 470. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	27.	27.	24.	23.	27.	25.	35.	39.	34.
2139:	23.	34.	34.	36.	35.	28.	27.	24.	27.
2148:	33.	26.	28.	19.	28.	24.	22.	27.	33.
2157:	30.	38.	32.	28.	32.	29.	23.	37.	14.
2166:	30.	32.	30.	29.	29.	27.	28.	26.	22.
2175:	34.	30.	33.	28.	25.	19.	32.	20.	33.
2184:	36.	26.	30.	27.	30.	31.	28.	32.	32.
2193:	32.	22.	28.	30.	19.	32.	24.	18.	29.
2202:	21.	37.	30.	24.	31.	42.	30.	29.	16.
2211:	30.	36.	31.	30.	39.	29.	31.	31.	31.
2220:	33.	38.	33.	30.	40.	34.	30.	37.	30.
2229:	38.	32.	42.	53.	65.	97.	121.	195.	204.
2238:	238.	209.	199.	140.	128.	99.	110.	99.	114.
2247:	119.	153.	181.	264.	379.	802.	1504.	2737.	4626.
2256:	6614.	8573.	9206.	8662.	6751.	4501.	2587.	1250.	544.
2265:	205.	76.	27.	18.	15.	7.	18.	15.	16.
2274:	8.	18.	16.	15.	14.	10.	14.	6.	12.
2283:	9.	6.	17.	13.	10.	20.	14.	8.	15.
2292:	8.	10.	13.	11.	11.	10.	7.	8.	7.
2301:	11.	6.	12.	11.	15.	9.	19.	10.	8.
2310:	6.	14.	5.	9.	12.	11.	11.	12.	9.
2319:	16.	8.	8.	9.	6.	8.	11.	8.	7.
2328:	13.	10.	10.	15.	14.	7.	10.	11.	11.
2337:	11.	12.	8.	9.	10.	6.	8.	14.	12.
2346:	8.	10.	14.	14.	10.	13.	16.	12.	7.
2355:	13.	12.	10.	10.	8.	13.	5.	11.	6.
2364:	6.	11.	11.	9.	7.	14.	11.	3.	9.

2 ANTONOV

0.2525

2 ARSENIC

0.0054

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:36:29

KMA

20521025 QZ

SAMPLE WEIGHT: (UG) 12820.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
 ACQUIRE DATE: 27-MAY-82 18:27:28 GEN 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 472. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	403.	11773.	0.0537	0.0006	1.1
%-ANTIMONY	564.1	243.	59386.	0.6683	0.0032	0.5
%-ARSENIC	559.3	298.	181.	0.0014	0.0002	15.4
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2258	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2242 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	30.	48.	40.	41.	42.	36.	28.	29.	38.
1997:	34.	28.	34.	46.	39.	35.	42.	38.	34.
2006:	32.	31.	43.	27.	36.	37.	31.	44.	41.
2015:	38.	37.	46.	40.	39.	45.	39.	37.	41.
2024:	61.	40.	41.	44.	46.	58.	60.	68.	101.
2033:	111.	141.	169.	207.	290.	412.	475.	678.	816.
2042:	1023.	1142.	1214.	1282.	1237.	1165.	1047.	841.	674.
2051:	582.	374.	278.	201.	153.	113.	88.	77.	66.
2060:	41.	41.	50.	36.	28.	30.	37.	33.	30.
2069:	33.	34.	21.	32.	34.	35.	25.	25.	30.
2078:	36.	35.	34.	29.	31.	27.	28.	29.	29.
2087:	23.	23.	37.	29.	27.	24.	19.	24.	33.
2096:	25.	28.	24.	25.	28.	30.	35.	20.	35.
2105:	27.	26.	28.	38.	20.	39.	21.	23.	25.

% COPPER

0.0537

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:36:57

K7A

20521025 02

SAMPLE WEIGHT: (UG) 12820.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN K7A

ACQUIRE DATE: 27-MAY-82 18:27:28

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 472. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	21.	34.	26.	37.	27.	34.	37.	15.	24.
2139:	34.	35.	26.	27.	32.	36.	29.	20.	29.
2148:	31.	25.	17.	19.	31.	21.	30.	29.	29.
2157:	22.	25.	37.	25.	28.	28.	20.	20.	25.
2166:	27.	23.	27.	18.	25.	26.	30.	21.	35.
2175:	30.	22.	21.	33.	21.	23.	30.	19.	28.
2184:	25.	33.	27.	24.	34.	33.	26.	31.	26.
2193:	28.	31.	24.	26.	29.	31.	37.	32.	32.
2202:	25.	22.	23.	25.	32.	18.	16.	36.	43.
2211:	26.	24.	33.	29.	36.	38.	45.	34.	29.
2220:	35.	43.	31.	34.	29.	37.	22.	36.	43.
2229:	39.	51.	34.	48.	48.	44.	87.	93.	76.
2238:	80.	94.	98.	87.	77.	78.	88.	117.	97.
2247:	116.	141.	176.	264.	393.	798.	1460.	2804.	4700.
2256:	7007.	8591.	9344.	8768.	6978.	4551.	2780.	1301.	547.
2265:	203.	61.	39.	19.	15.	9.	17.	16.	15.
2274:	14.	13.	21.	9.	12.	13.	12.	13.	10.
2283:	15.	21.	17.	9.	15.	10.	11.	10.	16.
2292:	7.	13.	8.	6.	6.	10.	13.	11.	17.
2301:	9.	15.	8.	8.	8.	10.	8.	9.	16.
2310:	5.	11.	13.	7.	17.	5.	9.	12.	9.
2319:	4.	11.	10.	20.	12.	14.	6.	13.	8.
2328:	11.	12.	9.	14.	9.	13.	16.	21.	13.
2337:	8.	11.	9.	9.	9.	10.	9.	13.	10.
2346:	6.	15.	6.	8.	8.	9.	9.	13.	7.
2355:	12.	7.	11.	9.	7.	8.	13.	10.	14.
2364:	9.	8.	9.	7.	5.	6.	12.	7.	8.

% ANTIMONY

0.2583

% ARSENIC

0.0014

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:38:04

K1B

20521025 02

SAMPLE WEIGHT: (UG) 12623.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
 ACQUIRE DATE: 27-MAY-82 18:35:31 GEM 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 472. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	443.	11506.	0.0537	0.0006	1.1
%-ANTIMONY	564.1	247.	58533.	0.6702	0.0032	0.5
%-ARSENIC	559.3	305.	217.	0.0017	0.0002	13.3

	CU	SB	AS
CNTS/UG/MIN AT RD	361.4	101.1	171.05
CENTROID CHANNEL	2045	2258	2239
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	50 L&R	80 L&R	30 L CH 2244 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1988:	41.	42.	41.	44.	29.	51.	45.	36.	43.
1997:	34.	42.	37.	43.	39.	34.	39.	44.	40.
2006:	27.	40.	46.	42.	40.	35.	31.	39.	35.
2015:	32.	40.	40.	38.	32.	34.	39.	38.	50.
2024:	45.	48.	33.	38.	50.	81.	79.	83.	87.
2033:	94.	130.	155.	239.	262.	389.	540.	645.	832.
2042:	946.	1071.	1227.	1243.	1248.	1158.	990.	875.	690.
2051:	484.	412.	313.	226.	134.	114.	90.	69.	63.
2060:	37.	60.	36.	35.	37.	41.	25.	38.	36.
2069:	33.	29.	25.	22.	36.	31.	24.	28.	35.
2078:	29.	27.	27.	28.	28.	34.	26.	17.	30.
2087:	30.	20.	26.	33.	27.	28.	23.	24.	28.
2096:	28.	36.	16.	25.	36.	27.	32.	27.	24.
2105:	23.	24.	29.	21.	31.	32.	22.	32.	31.

% COPPER

0.0537

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:38:33

K7E

20521025 02

SAMPLE WEIGHT: (UG) 12623.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 18:35:31

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 472. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN K14

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	24.	16.	26.	18.	30.	22.	35.	33.	21.
2139:	36.	18.	26.	34.	31.	19.	30.	32.	25.
2148:	25.	25.	27.	26.	26.	21.	35.	29.	27.
2157:	22.	24.	26.	21.	31.	28.	26.	24.	21.
2166:	33.	27.	21.	33.	28.	29.	34.	31.	26.
2175:	25.	32.	21.	32.	18.	30.	41.	30.	17.
2184:	21.	27.	21.	29.	21.	27.	24.	23.	29.
2193:	29.	22.	35.	21.	33.	31.	35.	32.	28.
2202:	31.	30.	31.	29.	19.	30.	24.	25.	31.
2211:	25.	22.	42.	27.	22.	26.	29.	22.	32.
2220:	41.	37.	41.	25.	40.	35.	27.	37.	40.
2229:	38.	30.	39.	45.	49.	61.	63.	76.	101.
2238:	101.	120.	89.	95.	93.	91.	88.	98.	90.
2247:	131.	142.	163.	247.	443.	701.	1520.	2696.	4568.
2256:	6856.	8466.	9382.	8572.	6871.	4611.	2703.	1313.	541.
2265:	227.	71.	28.	16.	15.	19.	16.	14.	17.
2274:	11.	10.	9.	12.	10.	10.	9.	11.	10.
2283:	14.	8.	18.	9.	25.	9.	19.	13.	7.
2292:	10.	14.	11.	11.	6.	7.	11.	8.	11.
2301:	14.	12.	8.	13.	11.	6.	15.	10.	12.
2310:	14.	8.	19.	14.	15.	11.	18.	11.	13.
2319:	12.	6.	8.	12.	10.	8.	8.	12.	9.
2328:	6.	10.	7.	10.	13.	11.	9.	16.	13.
2337:	12.	10.	9.	11.	8.	9.	7.	9.	12.
2346:	18.	5.	9.	8.	9.	13.	5.	11.	9.
2355:	12.	9.	10.	10.	10.	11.	9.	14.	9.
2364:	11.	6.	13.	14.	9.	11.	6.	9.	8.

% ANTIMONY

0.45702

% ARSENIC

0.0017

LEAD ANALYSIS

28-MAY-82 04:39:40

K7C

20521023 02

SAMPLE WEIGHT: (UG) 12863.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 18:43:34

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 471. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
Z-COPPER	511.0	427.	11791.	0.0544	0.0006	1.1
Z-ANTIMONY	564.1	255.	58462.	0.6576	0.0031	0.5
Z-ARSENIC	559.3	308.	234.	0.0018	0.0002	12.5
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2238	2239	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2244 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	36.	51.	46.	28.	34.	34.	36.	44.	53.
1997:	24.	46.	52.	30.	52.	30.	42.	35.	35.
2006:	43.	37.	47.	33.	31.	30.	35.	27.	23.
2015:	35.	34.	33.	32.	29.	41.	35.	36.	37.
2024:	54.	44.	43.	52.	57.	57.	60.	73.	75.
2033:	114.	135.	145.	218.	305.	338.	523.	721.	839.
2042:	989.	1109.	1256.	1260.	1157.	1203.	1070.	867.	678.
2051:	546.	353.	302.	196.	148.	113.	94.	70.	67.
2060:	67.	42.	24.	27.	31.	30.	25.	36.	31.
2069:	37.	25.	20.	39.	25.	35.	30.	29.	27.
2078:	35.	26.	35.	16.	26.	37.	21.	37.	32.
2087:	17.	29.	26.	25.	35.	25.	37.	24.	19.
2096:	25.	27.	28.	24.	26.	31.	20.	29.	28.
2105:	30.	23.	30.	23.	39.	27.	30.	24.	27.

% COPPER

0.0544

FBI LABORATORY WASHINGTON DC

LEAD ANALYSES

28-MAY-82 04:40:08

K7C

205221025 02

SAMPLE WEIGHT: (UG) 12863.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN K14

ACQUIRE DATE: 27-MAY-82 18:43:34

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 471. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	21.	30.	33.	30.	31.	32.	25.	33.	29.
2139:	21.	28.	19.	23.	31.	27.	36.	25.	27.
2148:	33.	20.	23.	36.	24.	30.	28.	29.	34.
2157:	17.	27.	27.	26.	28.	25.	31.	34.	30.
2166:	29.	29.	27.	26.	27.	19.	25.	29.	25.
2175:	26.	19.	30.	26.	34.	27.	15.	42.	36.
2184:	23.	28.	28.	34.	23.	28.	35.	38.	22.
2193:	28.	25.	24.	28.	28.	30.	29.	26.	24.
2202:	24.	23.	27.	24.	25.	30.	23.	31.	32.
2211:	25.	38.	32.	21.	32.	20.	38.	31.	24.
2220:	41.	38.	38.	34.	32.	32.	47.	40.	33.
2229:	40.	43.	42.	50.	48.	55.	88.	79.	101.
2238:	108.	106.	104.	105.	95.	91.	88.	89.	116.
2247:	120.	131.	158.	247.	412.	763.	1419.	2655.	4529.
2256:	6646.	8562.	9304.	8722.	7010.	4616.	2572.	1362.	557.
2265:	234.	76.	27.	16.	15.	21.	17.	12.	16.
2274:	15.	12.	10.	7.	19.	9.	18.	13.	18.
2283:	16.	13.	13.	10.	16.	17.	8.	17.	10.
2292:	15.	8.	11.	11.	15.	7.	14.	17.	13.
2301:	14.	10.	11.	11.	10.	10.	8.	15.	11.
2310:	12.	12.	8.	10.	8.	18.	13.	10.	5.
2319:	10.	9.	12.	13.	11.	14.	9.	14.	14.
2328:	11.	9.	11.	13.	13.	11.	11.	16.	11.
2337:	13.	8.	12.	8.	8.	15.	10.	7.	10.
2346:	8.	14.	16.	8.	6.	12.	8.	6.	15.
2355:	13.	8.	10.	8.	6.	10.	11.	11.	8.
2364:	14.	17.	12.	7.	10.	11.	10.	13.	15.

% ANTIMONY

0.2575

% ARSENIC

0.0013

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:41:16

KBA

205210245 02

SAMPLE WEIGHT: (UG) 14355.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 18:51:37

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 471. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	438.	6678.	0.0278	0.0004	1.4
%-ANTIMONY	564.1	256.	63600.	0.6420	0.0030	0.5
%-ARSENIC	559.3	328.	361.	0.0025	0.0002	8.9
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2258	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2244 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	26.	36.	44.	38.	45.	39.	37.	28.	35.
1997:	33.	29.	38.	44.	38.	29.	38.	44.	44.
2006:	38.	33.	35.	40.	34.	48.	48.	31.	37.
2015:	33.	31.	39.	29.	43.	33.	42.	37.	41.
2024:	33.	42.	41.	42.	49.	41.	59.	46.	57.
2033:	79.	89.	106.	133.	178.	197.	289.	404.	518.
2042:	619.	622.	748.	732.	684.	641.	603.	529.	417.
2051:	310.	225.	150.	122.	80.	71.	79.	54.	43.
2060:	50.	38.	40.	31.	21.	43.	37.	33.	25.
2069:	33.	32.	28.	32.	31.	26.	37.	31.	21.
2078:	24.	20.	49.	28.	25.	24.	31.	27.	33.
2087:	31.	31.	32.	38.	25.	40.	26.	32.	29.
2096:	36.	27.	26.	32.	20.	30.	30.	37.	38.
2105:	36.	30.	29.	28.	29.	29.	32.	33.	21.

% COPPER

0.0278

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:41:44

KBA

20521025 02

SAMPLE WEIGHT: (UG) 14353.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN K14

ACQUIRE DATE: 27-MAY-82 18:51:37

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 471. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	27.	27.	25.	27.	39.	31.	24.	37.	27.
2139:	36.	21.	29.	21.	30.	27.	20.	25.	32.
2148:	44.	35.	27.	20.	35.	26.	30.	32.	27.
2157:	29.	34.	25.	22.	31.	23.	25.	31.	26.
2166:	30.	23.	20.	38.	14.	27.	34.	27.	30.
2175:	32.	38.	27.	18.	20.	21.	31.	25.	30.
2184:	19.	30.	20.	39.	26.	15.	25.	28.	21.
2193:	38.	38.	19.	31.	33.	30.	30.	32.	20.
2202:	37.	31.	28.	35.	19.	28.	36.	29.	34.
2211:	31.	37.	20.	24.	29.	33.	32.	28.	43.
2220:	34.	33.	41.	44.	38.	43.	36.	41.	29.
2229:	38.	42.	35.	48.	57.	61.	96.	108.	117.
2238:	147.	154.	137.	100.	97.	111.	91.	105.	105.
2247:	119.	167.	197.	268.	429.	860.	1644.	3035.	4980.
2256:	7246.	9359.	9794.	9424.	7566.	4983.	2903.	1406.	656.
2265:	250.	88.	25.	18.	21.	16.	18.	19.	19.
2274:	19.	17.	16.	19.	18.	11.	12.	14.	8.
2283:	17.	16.	16.	22.	9.	9.	9.	14.	15.
2292:	18.	9.	10.	16.	8.	6.	12.	12.	9.
2301:	12.	12.	10.	9.	7.	15.	14.	8.	16.
2310:	9.	13.	5.	12.	7.	14.	15.	10.	8.
2319:	9.	11.	11.	10.	9.	15.	8.	12.	9.
2328:	16.	12.	9.	15.	14.	14.	13.	14.	15.
2337:	15.	10.	8.	13.	7.	14.	11.	9.	6.
2346:	8.	14.	15.	10.	11.	8.	11.	9.	14.
2355:	11.	9.	14.	13.	8.	12.	9.	8.	5.
2364:	8.	9.	7.	18.	12.	12.	7.	8.	10.

2 ANTICONTAM

0 - 2420

2 ARENOLC

0 - 0025

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:42:51

KBB

20521023 02

SAMPLE WEIGHT: (UG) 13732.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 18:39:39

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 471. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN RT4

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
Z-COPPER	511.0	423.	6021.	0.0264	0.0004	1.5
Z-ANTIMONY	564.1	233.	58916.	0.6226	0.0030	0.5
Z-ARSENIC	559.3	336.	321.	0.0023	0.0002	9.8
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2258	2239	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2243 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	32.	37.	42.	31.	32.	41.	37.	52.	40.
1997:	36.	38.	35.	37.	39.	32.	36.	39.	46.
2006:	39.	28.	30.	40.	48.	36.	37.	44.	28.
2015:	41.	47.	28.	36.	38.	32.	31.	28.	35.
2024:	46.	35.	49.	42.	33.	48.	62.	53.	68.
2033:	73.	88.	91.	121.	163.	230.	276.	364.	460.
2042:	494.	597.	631.	690.	626.	608.	569.	443.	376.
2051:	310.	204.	169.	117.	95.	85.	67.	38.	50.
2060:	48.	36.	31.	30.	38.	29.	36.	22.	39.
2069:	24.	23.	39.	41.	38.	29.	24.	31.	28.
2078:	29.	34.	25.	31.	29.	31.	20.	28.	28.
2087:	44.	30.	27.	16.	18.	31.	35.	25.	24.
2096:	32.	29.	26.	34.	25.	32.	31.	32.	29.
2105:	20.	22.	32.	30.	26.	27.	28.	40.	25.

% COPPER

0.0264

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:43:20

KBB

20521025 02

SAMPLE WEIGHT: (UG) 13732.00

ACTIVATION: 27-MAY-82 10:01:00

NES 10 MIN R14

ACQUIRE DATE: 27-MAY-82 18:59:39

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 471. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	30.	30.	31.	25.	24.	29.	30.	28.	22.
2139:	27.	28.	29.	18.	26.	26.	31.	28.	32.
2148:	26.	27.	21.	41.	25.	22.	25.	26.	22.
2157:	30.	38.	26.	28.	26.	18.	25.	19.	31.
2166:	25.	27.	39.	27.	28.	29.	34.	29.	24.
2175:	24.	29.	29.	27.	30.	23.	27.	26.	23.
2184:	27.	39.	27.	32.	32.	19.	22.	29.	23.
2193:	25.	30.	31.	31.	26.	32.	29.	32.	22.
2202:	21.	24.	31.	29.	41.	25.	29.	31.	27.
2211:	27.	31.	35.	30.	39.	35.	23.	45.	35.
2220:	27.	23.	22.	30.	40.	42.	32.	35.	32.
2229:	39.	38.	50.	45.	55.	51.	86.	99.	145.
2238:	133.	128.	118.	103.	93.	92.	98.	108.	98.
2247:	110.	124.	162.	260.	388.	822.	1418.	2659.	4619.
2256:	6667.	8732.	9199.	8571.	7100.	4680.	2799.	1339.	544.
2265:	179.	93.	27.	22.	18.	13.	21.	13.	9.
2274:	13.	26.	17.	11.	9.	10.	10.	12.	9.
2283:	17.	16.	14.	12.	8.	11.	13.	15.	14.
2292:	15.	14.	14.	6.	10.	8.	17.	12.	13.
2301:	13.	13.	11.	7.	12.	12.	8.	11.	10.
2310:	12.	8.	16.	12.	11.	10.	14.	10.	20.
2319:	11.	13.	8.	16.	14.	8.	15.	5.	8.
2328:	12.	9.	10.	11.	12.	17.	9.	18.	10.
2337:	11.	6.	4.	7.	7.	7.	7.	11.	14.
2346:	13.	16.	11.	16.	12.	11.	4.	13.	13.
2355:	11.	8.	13.	7.	11.	14.	7.	11.	15.
2364:	7.	8.	10.	10.	8.	5.	10.	13.	8.

% ANTIMONY

0.22225

% ARSENIC

0.00221

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:44:27

KFC

20521025 UZ

SAMPLE WEIGHT: (UG) 13867.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
 ACQUIRE DATE: 27-MAY-82 19:07:42 GEM 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 473. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	440.	6091.	0.0266	0.0004	1.5
%-ANTIMONY	564.1	283.	60393.	0.6329	0.0030	0.5
%-ARSENIC	559.3	389.	288.	0.0021	0.0002	11.3
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2043	2258	2239	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			30 L&R	80 L&R	30 L CH 2243 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	42.	35.	39.	30.	29.	21.	43.	39.	48.
1997:	38.	36.	40.	43.	42.	40.	45.	40.	42.
2006:	36.	43.	45.	37.	44.	51.	37.	35.	37.
2015:	49.	37.	44.	41.	50.	36.	37.	40.	51.
2024:	40.	42.	50.	52.	39.	67.	77.	59.	62.
2033:	72.	84.	102.	147.	176.	212.	293.	362.	481.
2042:	496.	605.	637.	664.	625.	626.	559.	475.	384.
2051:	324.	226.	177.	137.	121.	99.	69.	67.	46.
2060:	33.	39.	50.	30.	28.	28.	32.	33.	25.
2069:	25.	29.	33.	37.	43.	35.	32.	36.	25.
2078:	29.	33.	27.	37.	25.	26.	34.	27.	29.
2087:	25.	30.	35.	37.	24.	36.	31.	37.	20.
2096:	26.	25.	39.	34.	29.	23.	24.	34.	32.
2105:	40.	43.	26.	35.	32.	41.	32.	25.	37.

% COPPER

0.0266

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:44:55

REC

20521025 02

SAMPLE WEIGHT: (UG) 13867.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN R14

ACQUIRE DATE: 27-MAY-82 19:07:42

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 473. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFF-SET: -0.0226080 KEV

2130:	41.	33.	24.	29.	39.	28.	32.	40.	41.
2139:	28.	32.	25.	36.	29.	24.	37.	37.	40.
2148:	33.	33.	40.	32.	35.	33.	34.	29.	29.
2157:	36.	37.	28.	29.	23.	36.	34.	28.	23.
2166:	14.	37.	29.	33.	33.	26.	29.	27.	31.
2175:	26.	32.	27.	29.	29.	26.	29.	30.	34.
2184:	33.	24.	40.	31.	31.	36.	35.	38.	27.
2193:	34.	39.	27.	33.	35.	34.	28.	29.	30.
2202:	37.	35.	37.	35.	33.	39.	36.	33.	30.
2211:	36.	37.	41.	32.	39.	38.	30.	41.	37.
2220:	39.	30.	44.	50.	36.	48.	39.	50.	40.
2229:	45.	46.	49.	60.	67.	74.	86.	95.	122.
2238:	142.	128.	114.	98.	102.	91.	94.	105.	124.
2247:	128.	151.	216.	236.	422.	819.	1501.	2853.	4786.
2256:	6924.	8749.	9572.	8904.	7115.	4799.	2705.	1376.	577.
2265:	225.	83.	38.	29.	18.	19.	24.	14.	20.
2274:	10.	18.	16.	20.	10.	14.	16.	15.	8.
2283:	18.	14.	12.	16.	15.	13.	18.	24.	15.
2292:	17.	13.	14.	15.	16.	15.	11.	11.	11.
2301:	18.	27.	13.	19.	13.	18.	13.	14.	17.
2310:	14.	20.	17.	16.	18.	15.	16.	18.	16.
2319:	17.	16.	20.	16.	13.	18.	15.	16.	20.
2328:	17.	11.	18.	9.	18.	15.	13.	15.	13.
2337:	14.	24.	15.	14.	8.	18.	14.	14.	15.
2346:	11.	16.	12.	19.	11.	17.	15.	11.	15.
2355:	10.	13.	21.	13.	12.	12.	15.	16.	14.
2364:	10.	17.	13.	18.	14.	9.	10.	20.	12.

% ANTIMONY

0.25325

% ARSENIC

0.0023

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:46:03

KSA 20521023 02

SAMPLE WEIGHT: (UG) 12670.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 19:15:49 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 505. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1142.	3201.	0.0154	0.0004	2.4
%-ANTIMONY	564.1	732.	170968.	1.9637	0.0066	0.3
%-ARSENIC	559.3	955.	5017.	0.0395	0.0007	1.8
			CU	SB	AS	
CNT'S/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2237	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2245 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	95.	81.	82.	91.	93.	110.	100.	101.	96.
1997:	81.	99.	101.	96.	100.	93.	73.	84.	112.
2006:	76.	84.	103.	93.	101.	95.	84.	100.	81.
2015:	84.	93.	91.	91.	84.	95.	93.	94.	95.
2024:	90.	67.	92.	111.	92.	105.	94.	111.	83.
2033:	104.	105.	121.	154.	183.	178.	211.	275.	320.
2042:	349.	407.	425.	418.	423.	378.	344.	301.	266.
2051:	226.	192.	154.	146.	120.	117.	101.	97.	89.
2060:	94.	99.	78.	86.	86.	93.	88.	75.	96.
2069:	74.	66.	87.	80.	59.	73.	87.	82.	84.
2078:	78.	85.	80.	78.	67.	85.	82.	83.	76.
2087:	86.	65.	75.	83.	75.	79.	85.	83.	80.
2096:	88.	84.	85.	79.	61.	90.	84.	88.	66.
2105:	79.	85.	72.	84.	86.	98.	77.	85.	76.

% COPPER 0.0154

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:46:31

KSA

20523025 02

SAMPLE WEIGHT: (UG) 126/0.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN K14

ACQUIRE DATE: 27-MAY-82 19:15:49

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 505. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	77.	85.	85.	89.	72.	88.	96.	89.	81.
2139:	79.	69.	79.	67.	64.	86.	77.	79.	69.
2148:	52.	110.	78.	79.	83.	68.	93.	81.	83.
2157:	71.	78.	84.	79.	73.	75.	80.	75.	59.
2166:	79.	80.	77.	72.	77.	82.	82.	79.	76.
2175:	74.	68.	82.	71.	79.	69.	79.	92.	83.
2184:	80.	74.	79.	72.	80.	86.	80.	86.	94.
2193:	80.	74.	97.	77.	88.	90.	100.	105.	93.
2202:	87.	74.	84.	98.	81.	86.	85.	94.	77.
2211:	104.	86.	86.	95.	89.	112.	91.	115.	117.
2220:	91.	124.	110.	100.	120.	125.	136.	135.	128.
2229:	161.	172.	198.	241.	379.	533.	822.	1083.	1317.
2238:	1396.	1345.	1116.	882.	649.	460.	450.	409.	437.
2247:	534.	612.	763.	1054.	1537.	2782.	4960.	8901.	14313.
2256:	20290.	24884.	27026.	24611.	19174.	12635.	7153.	3434.	1461.
2265:	502.	242.	105.	77.	74.	64.	70.	58.	65.
2274:	52.	55.	57.	66.	62.	52.	48.	55.	47.
2283:	61.	59.	48.	47.	44.	51.	59.	48.	40.
2292:	46.	42.	42.	50.	34.	51.	38.	34.	46.
2301:	34.	41.	41.	44.	37.	51.	43.	50.	41.
2310:	37.	40.	39.	43.	37.	38.	32.	35.	31.
2319:	44.	44.	41.	32.	32.	33.	32.	27.	41.
2328:	35.	35.	33.	35.	37.	37.	42.	35.	41.
2337:	34.	27.	32.	34.	30.	38.	31.	25.	38.
2346:	25.	29.	32.	34.	32.	33.	31.	38.	28.
2355:	37.	35.	34.	42.	28.	37.	24.	44.	28.
2364:	34.	31.	37.	44.	35.	39.	31.	22.	29.

% ANTIMONY

1.5637

% ARSENIC

0.0395

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:47:39

KPE 2052310225 02

SAMPLE WEIGHT: (UG) 12624.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 19:24:28 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 505. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFF-SET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1135.	3263.	0.0119	0.0004	2.3
%-ANTIMONY	564.1	762.	169423.	1.9561	0.0066	0.3
%-ARSENIC	559.3	959.	4941.	0.0391	0.0007	1.8
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2257	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L	CH 2244 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 R
PEAK CHANNELS			13	13	5	

1986:	101.	108.	87.	88.	89.	91.	82.	101.	102.
1997:	93.	90.	98.	78.	105.	100.	103.	83.	92.
2006:	84.	104.	91.	84.	77.	108.	84.	95.	96.
2015:	97.	95.	104.	104.	101.	97.	95.	97.	94.
2024:	99.	96.	108.	93.	99.	77.	112.	109.	116.
2033:	99.	127.	138.	145.	174.	192.	229.	290.	325.
2042:	363.	432.	428.	437.	414.	386.	349.	277.	245.
2051:	223.	167.	153.	118.	102.	97.	108.	94.	75.
2060:	95.	84.	86.	89.	83.	84.	86.	79.	68.
2069:	100.	93.	76.	73.	77.	91.	98.	88.	93.
2078:	85.	84.	87.	81.	85.	90.	72.	80.	90.
2087:	86.	89.	83.	71.	85.	89.	83.	83.	93.
2096:	88.	84.	86.	67.	92.	75.	66.	72.	80.
2105:	77.	92.	99.	79.	77.	87.	80.	79.	84.

% COPPER 0.0119

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:48:07

K5E

20521025 W2

SAMPLE WEIGHT: (UG) 12624.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 19:24:28

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 503. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN K14

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	86.	80.	60.	72.	87.	79.	69.	77.	72.
2139:	87.	73.	76.	86.	84.	63.	61.	79.	78.
2148:	79.	82.	75.	77.	69.	98.	85.	80.	82.
2157:	77.	87.	72.	85.	76.	71.	94.	96.	71.
2166:	71.	92.	87.	77.	75.	70.	73.	84.	68.
2175:	93.	66.	76.	88.	88.	87.	68.	88.	71.
2184:	88.	79.	79.	71.	94.	85.	90.	97.	83.
2193:	84.	87.	69.	85.	81.	73.	96.	82.	90.
2202:	84.	85.	92.	89.	86.	87.	72.	89.	67.
2211:	104.	99.	89.	102.	97.	112.	91.	100.	116.
2220:	104.	99.	99.	104.	128.	88.	123.	143.	145.
2229:	131.	173.	198.	252.	357.	521.	865.	1076.	1286.
2238:	1315.	1320.	1129.	879.	615.	489.	387.	411.	458.
2247:	518.	601.	785.	1068.	1571.	2829.	5091.	8873.	14532.
2256:	20227.	25170.	26389.	24165.	18765.	12304.	6971.	3298.	1429.
2265:	560.	217.	84.	67.	70.	75.	74.	59.	71.
2274:	65.	57.	51.	64.	48.	47.	47.	61.	47.
2283:	49.	48.	42.	51.	37.	61.	46.	47.	38.
2292:	51.	47.	51.	48.	53.	47.	48.	29.	45.
2301:	44.	44.	31.	37.	50.	43.	37.	39.	43.
2310:	42.	31.	43.	49.	31.	30.	33.	33.	34.
2319:	37.	27.	37.	49.	36.	29.	48.	48.	36.
2328:	30.	31.	39.	36.	34.	39.	33.	38.	48.
2337:	37.	35.	37.	27.	40.	43.	37.	34.	29.
2346:	32.	41.	40.	36.	38.	33.	32.	29.	45.
2355:	31.	29.	38.	34.	31.	34.	35.	28.	40.
2364:	26.	32.	38.	39.	36.	38.	32.	38.	29.

% ANTIMONY

1.9561

% ARSENIC

0.0391

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:49:14

KSL

20521025 WZ

SAMPLE WEIGHT: (UG) 13029.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
 ACQUIRE DATE: 27-MAY-82 19:33:07 GEN 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 505. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
Z-COPPER	511.0	1200.	3042.	0.0145	0.0004	2.5
Z-ANTIMONY	564.1	701.	168891.	1.8922	0.0064	0.3
Z-ARSENIC	559.3	980.	4720.	0.0364	0.0007	1.8
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2044	225/	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L	CH 2245 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 R
PEAK CHANNELS			13	13	5	

1988:	108.	99.	110.	100.	104.	100.	102.	105.	93.
1997:	90.	95.	114.	95.	96.	92.	95.	87.	82.
2006:	107.	109.	82.	95.	84.	89.	105.	101.	93.
2015:	98.	87.	91.	96.	87.	82.	89.	89.	90.
2024:	91.	84.	85.	99.	91.	95.	89.	109.	83.
2033:	105.	125.	106.	141.	150.	195.	244.	284.	307.
2042:	348.	376.	410.	411.	402.	376.	365.	281.	243.
2051:	170.	177.	141.	124.	104.	93.	84.	85.	88.
2060:	110.	92.	84.	89.	84.	73.	64.	91.	83.
2069:	80.	83.	58.	88.	73.	74.	79.	81.	92.
2078:	80.	73.	66.	80.	80.	85.	69.	76.	88.
2087:	82.	89.	88.	87.	69.	95.	82.	85.	91.
2096:	61.	88.	87.	80.	79.	71.	85.	101.	83.
2105:	56.	52.	70.	95.	91.	71.	89.	86.	61.

Z COPPER

0.0145

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:49:43

KPC

2052210225 02

SAMPLE WEIGHT: (UG) 13029.00

ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 19:33:07 GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 503. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	70.	90.	77.	80.	63.	98.	76.	78.	70.
2139:	81.	80.	67.	72.	78.	87.	77.	75.	79.
2148:	82.	82.	77.	96.	89.	72.	77.	78.	69.
2157:	75.	73.	60.	80.	87.	81.	81.	62.	67.
2166:	81.	66.	65.	95.	71.	70.	80.	66.	61.
2175:	76.	77.	97.	81.	75.	74.	84.	80.	74.
2184:	78.	82.	72.	81.	79.	89.	83.	81.	79.
2193:	72.	104.	81.	81.	89.	70.	80.	97.	89.
2202:	81.	90.	93.	93.	81.	81.	105.	99.	79.
2211:	85.	74.	100.	101.	101.	112.	112.	100.	90.
2220:	111.	115.	112.	113.	123.	124.	110.	123.	141.
2229:	169.	154.	160.	233.	362.	511.	753.	1051.	1213.
2238:	1379.	1265.	1022.	807.	627.	440.	403.	395.	454.
2247:	538.	650.	727.	1021.	1594.	2755.	4906.	8746.	14050.
2256:	20316.	24865.	26709.	24128.	18654.	12367.	7144.	3358.	1480.
2265:	580.	236.	94.	83.	63.	68.	63.	57.	49.
2274:	57.	56.	47.	65.	46.	44.	45.	54.	55.
2283:	48.	39.	53.	50.	60.	47.	44.	52.	49.
2292:	36.	44.	30.	35.	38.	55.	59.	36.	40.
2301:	36.	43.	49.	42.	39.	37.	40.	33.	43.
2310:	52.	32.	41.	48.	34.	35.	39.	30.	39.
2319:	40.	36.	47.	38.	42.	31.	39.	37.	27.
2328:	38.	37.	29.	43.	30.	38.	40.	31.	35.
2337:	26.	39.	23.	27.	24.	23.	22.	26.	43.
2346:	37.	33.	22.	29.	31.	40.	41.	28.	48.
2355:	30.	29.	28.	32.	34.	41.	38.	37.	35.
2364:	27.	40.	26.	27.	30.	21.	35.	34.	33.

% ANTIMONY

11.135222

% ARSENIC

0.03654

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:50:50

K10A

20521025 02

SAMPLE WEIGHT: (UG) 12892.00

ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 19:41:43 GEM 13

PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 504. SEC KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1143.	2588.	0.0126	0.0003	2.7
%-ANTIMONY	564.1	732.	159432.	1.8080	0.0062	0.3
%-ARSENIC	559.3	941.	9568.	0.0748	0.0009	1.3
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2257	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L	CH 2245 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 R
PEAK CHANNELS			13	13	5	

1988:	90.	95.	101.	89.	98.	96.	96.	92.	108.
1997:	107.	109.	107.	90.	126.	100.	100.	94.	93.
2006:	96.	88.	97.	104.	116.	83.	99.	78.	87.
2015:	99.	102.	87.	87.	76.	105.	90.	97.	112.
2024:	112.	103.	100.	93.	102.	102.	105.	97.	102.
2033:	116.	110.	125.	120.	147.	170.	190.	213.	273.
2042:	312.	319.	374.	369.	390.	350.	269.	287.	198.
2051:	187.	132.	130.	131.	113.	106.	104.	117.	99.
2060:	82.	93.	82.	95.	96.	94.	81.	91.	92.
2069:	81.	91.	87.	78.	103.	96.	73.	82.	69.
2078:	91.	78.	71.	75.	81.	76.	85.	97.	76.
2087:	102.	80.	88.	66.	69.	75.	82.	84.	79.
2096:	70.	79.	85.	70.	83.	77.	80.	76.	67.
2105:	93.	68.	77.	89.	97.	82.	91.	94.	84.

% COPPER

0.0126

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:51:18

K10A

20521025 02

SAMPLE WEIGHT: (UG) 12892.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN K14

ACQUIRE DATE: 27-MAY-82 19:41:43

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 504. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	77.	86.	74.	92.	75.	73.	70.	79.	83.
2139:	80.	73.	71.	80.	70.	81.	79.	83.	80.
2148:	98.	78.	80.	83.	62.	71.	84.	75.	78.
2157:	60.	95.	75.	72.	87.	82.	90.	86.	76.
2166:	71.	70.	77.	85.	70.	90.	75.	83.	63.
2175:	97.	54.	70.	77.	99.	87.	90.	74.	69.
2184:	74.	88.	64.	76.	94.	86.	83.	79.	83.
2193:	78.	87.	86.	87.	84.	65.	76.	79.	80.
2202:	83.	88.	76.	73.	92.	86.	94.	73.	100.
2211:	82.	87.	90.	106.	103.	83.	94.	108.	105.
2220:	105.	122.	131.	112.	146.	125.	131.	143.	160.
2229:	177.	214.	236.	339.	544.	889.	1387.	1847.	2384.
2238:	2476.	2330.	1805.	1321.	892.	580.	501.	424.	427.
2247:	510.	599.	691.	1034.	1564.	2652.	4960.	8394.	13581.
2256:	19191.	23484.	25220.	22573.	17550.	11527.	6330.	3158.	1406.
2265:	500.	195.	108.	87.	72.	65.	50.	46.	56.
2274:	67.	54.	64.	57.	61.	40.	52.	45.	54.
2283:	48.	65.	44.	68.	58.	52.	56.	47.	49.
2292:	43.	43.	37.	45.	42.	41.	44.	44.	43.
2301:	49.	47.	30.	37.	41.	41.	41.	41.	34.
2310:	35.	43.	42.	37.	34.	36.	29.	38.	34.
2319:	34.	32.	45.	37.	32.	32.	36.	36.	31.
2328:	32.	42.	49.	41.	34.	36.	34.	41.	47.
2337:	31.	46.	43.	27.	39.	26.	38.	34.	38.
2346:	39.	45.	48.	35.	41.	33.	29.	35.	30.
2355:	42.	30.	41.	28.	27.	30.	37.	38.	41.
2364:	29.	33.	27.	40.	33.	24.	37.	22.	30.

% ANTIMONY

11.9300

% ARSENIC

0.0743

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:52:26

K110B

20523025 W2

SAMPLE WEIGHT: (UG) 12/08.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN R14
 ACQUIRE DATE: 27-MAY-82 19:50:22 GEM 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 504. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1078.	2646.	0.0131	0.0003	2.7
%-ANTIMONY	564.1	703.	137431.	1.8139	0.0063	0.3
%-ARSENIC	559.3	984.	9318.	0.0742	0.0009	1.3
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2257	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L	CH 2245 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 R
PEAK CHANNELS			13	13	5	

1988:	102.	107.	80.	96.	102.	86.	102.	106.	86.
1997:	107.	94.	81.	88.	96.	88.	77.	95.	87.
2006:	101.	88.	105.	84.	92.	88.	92.	86.	103.
2015:	96.	93.	101.	112.	106.	83.	83.	98.	98.
2024:	81.	101.	97.	91.	76.	100.	116.	108.	102.
2033:	110.	109.	109.	137.	129.	148.	190.	254.	296.
2042:	290.	331.	356.	338.	350.	337.	298.	265.	228.
2051:	191.	158.	132.	125.	97.	109.	98.	79.	77.
2060:	97.	85.	73.	79.	71.	78.	75.	74.	78.
2069:	82.	96.	82.	78.	93.	93.	102.	85.	72.
2078:	87.	71.	80.	78.	100.	81.	94.	81.	72.
2087:	84.	81.	94.	69.	64.	67.	76.	71.	78.
2096:	81.	85.	65.	69.	72.	95.	81.	82.	75.
2105:	86.	72.	78.	84.	82.	77.	80.	81.	79.

% COPPER

0.0131

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:52:54

K1013

20521025 WZ

SAMPLE WEIGHT: (UG) 12708.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN K14

ACQUIRE DATE: 27-MAY-82 19:50:22

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 504. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFF-SET: -0.0226080 KEV

2130:	88.	71.	71.	76.	85.	89.	79.	80.	77.
2139:	69.	65.	84.	81.	76.	83.	79.	83.	86.
2148:	75.	83.	72.	85.	76.	86.	75.	69.	84.
2157:	77.	91.	83.	79.	79.	85.	69.	80.	88.
2166:	90.	84.	74.	88.	77.	96.	82.	55.	66.
2175:	66.	69.	77.	68.	82.	84.	81.	86.	91.
2184:	80.	81.	75.	87.	64.	86.	62.	82.	74.
2193:	81.	109.	74.	91.	98.	86.	81.	76.	99.
2202:	105.	85.	112.	83.	81.	89.	89.	88.	102.
2211:	88.	88.	79.	94.	98.	89.	101.	101.	93.
2220:	114.	115.	107.	101.	131.	133.	136.	147.	136.
2229:	145.	188.	244.	361.	604.	951.	1437.	1852.	2298.
2238:	2423.	2254.	1745.	1291.	829.	596.	475.	412.	432.
2247:	525.	571.	758.	1007.	1501.	2791.	4966.	8490.	13611.
2256:	19191.	23160.	24859.	22130.	16937.	11173.	6318.	3007.	1185.
2265:	518.	213.	80.	87.	58.	67.	44.	58.	50.
2274:	62.	58.	58.	47.	48.	51.	48.	36.	55.
2283:	56.	62.	47.	46.	49.	48.	62.	58.	45.
2292:	34.	37.	41.	42.	36.	45.	41.	46.	45.
2301:	30.	42.	32.	38.	34.	36.	45.	40.	31.
2310:	35.	41.	42.	33.	44.	43.	33.	38.	44.
2319:	39.	36.	30.	28.	30.	38.	33.	24.	33.
2328:	32.	32.	38.	30.	35.	38.	32.	32.	29.
2337:	34.	32.	49.	27.	30.	35.	33.	40.	35.
2346:	37.	31.	31.	32.	31.	32.	29.	29.	35.
2355:	35.	34.	33.	45.	45.	32.	32.	31.	39.
2364:	34.	36.	33.	32.	30.	35.	45.	36.	38.

% ANTIMONY

11.23135

% ARSENIC

10.10742

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:54:01

K100

20521025 WZ

SAMPLE WEIGHT: (UG) 12927.00

ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN K14

ACQUIRE DATE: 27-MAY-82 19:38:57 GEM 13

PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 304. SEC KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
Z-COPPER	511.0	1152.	2480.	0.0122	0.0003	2.8
Z-ANTIMONY	564.1	746.	157813.	1.7902	0.0062	0.3
Z-ARSENIC	559.3	1005.	9379.	0.0737	0.0009	1.3
			CU	SB	AS	
CNT'S/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	225/	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			30 L&R	80 L&R	30 L CH 2245 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	112.	107.	119.	83.	96.	107.	93.	105.	93.
1997:	80.	96.	91.	89.	83.	99.	97.	101.	83.
2006:	94.	89.	104.	80.	88.	84.	97.	88.	105.
2015:	80.	97.	86.	100.	98.	97.	86.	92.	76.
2024:	83.	107.	89.	93.	78.	100.	100.	103.	109.
2033:	113.	112.	113.	132.	145.	170.	188.	226.	276.
2042:	306.	328.	365.	347.	328.	299.	285.	244.	244.
2051:	196.	147.	144.	115.	119.	100.	99.	88.	87.
2060:	72.	81.	65.	88.	97.	85.	69.	87.	75.
2069:	87.	69.	84.	86.	88.	76.	92.	84.	90.
2078:	73.	70.	79.	72.	76.	88.	75.	69.	77.
2087:	78.	82.	80.	86.	90.	96.	89.	78.	77.
2096:	69.	86.	78.	75.	74.	81.	92.	96.	80.
2103:	88.	66.	69.	72.	79.	89.	72.	71.	89.

% COPPER

0.0122

FBI LABORATORY WASHINGTON, DC

LEAD ANALYSIS

28-MAY-82 04:54:30

K100

20521025 WZ

SAMPLE WEIGHT: (UG) 12927.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 19:58:57

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 504. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN K14

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	73.	83.	66.	86.	76.	76.	85.	95.	82.
2139:	81.	93.	76.	77.	53.	63.	77.	70.	82.
2148:	76.	84.	77.	108.	73.	68.	72.	85.	78.
2157:	83.	84.	77.	92.	93.	77.	75.	74.	60.
2166:	75.	65.	67.	75.	92.	77.	80.	85.	71.
2175:	73.	89.	65.	88.	96.	77.	67.	81.	80.
2184:	96.	71.	72.	63.	67.	95.	82.	72.	85.
2193:	79.	85.	89.	106.	74.	96.	84.	80.	91.
2202:	86.	78.	104.	89.	84.	93.	87.	97.	88.
2211:	88.	92.	105.	79.	92.	105.	100.	106.	107.
2220:	105.	130.	116.	112.	132.	122.	140.	137.	168.
2229:	164.	197.	230.	312.	585.	864.	1316.	1774.	2266.
2238:	2350.	2229.	1943.	1305.	873.	680.	428.	582.	478.
2247:	470.	589.	726.	935.	1548.	2712.	4761.	8579.	13581.
2256:	19254.	23388.	24538.	22264.	17117.	11328.	6445.	3044.	1311.
2265:	504.	213.	109.	72.	60.	61.	59.	42.	54.
2274:	53.	57.	47.	50.	52.	39.	51.	53.	51.
2283:	53.	48.	56.	58.	46.	53.	50.	44.	47.
2292:	41.	36.	30.	40.	36.	45.	43.	45.	35.
2301:	43.	47.	46.	37.	45.	45.	34.	35.	49.
2310:	43.	40.	23.	34.	37.	37.	39.	43.	35.
2319:	39.	42.	35.	37.	35.	37.	33.	48.	29.
2328:	39.	48.	34.	33.	47.	28.	42.	35.	29.
2337:	38.	32.	37.	29.	27.	47.	32.	38.	34.
2346:	33.	27.	22.	21.	31.	35.	34.	25.	27.
2355:	36.	26.	32.	28.	27.	32.	35.	29.	24.
2364:	33.	27.	29.	20.	26.	29.	47.	34.	38.

% ANTIMONY

1.7502

% ARSENIC

0.0737

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:55:37

K111A

205231025 WZ

SAMPLE WEIGHT: (UG) 12339.00

ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 20:07:32 GEN 13

PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 500. SEC KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1018.	3110.	0.0161	0.0004	2.4
%-ANTIMONY	564.1	684.	155524.	1.8511	0.0064	0.3
%-ARSENIC	559.3	863.	4111.	0.0340	0.0007	1.9
			CU	SE	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2257	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2244 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	79.	102.	77.	93.	68.	71.	87.	86.	98.
1997:	75.	71.	99.	81.	96.	80.	103.	91.	89.
2006:	91.	85.	81.	89.	86.	77.	81.	75.	84.
2015:	87.	89.	86.	100.	91.	82.	87.	90.	83.
2024:	92.	92.	95.	96.	75.	78.	89.	109.	101.
2033:	102.	124.	112.	156.	155.	185.	208.	282.	300.
2042:	351.	372.	374.	420.	400.	339.	339.	295.	245.
2051:	203.	159.	131.	119.	101.	89.	89.	101.	88.
2060:	79.	85.	75.	94.	74.	74.	69.	80.	73.
2069:	60.	80.	67.	77.	86.	82.	74.	79.	83.
2078:	64.	55.	61.	88.	83.	65.	92.	64.	78.
2087:	63.	81.	82.	65.	69.	82.	79.	83.	83.
2096:	67.	64.	68.	79.	77.	94.	71.	70.	68.
2105:	74.	81.	64.	67.	79.	78.	79.	68.	55.

% COPPER

0.0161

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:56:05

K11A

20521025 02

SAMPLE WEIGHT: (UG) 12339.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN K14
ACQUIRE DATE: 27-MAY-82 20:07:32 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 500. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

2130:	74.	72.	67.	70.	72.	73.	73.	66.	77.
2139:	60.	83.	60.	82.	49.	75.	81.	76.	91.
2148:	69.	82.	72.	62.	75.	56.	75.	85.	59.
2157:	83.	58.	81.	62.	69.	69.	75.	57.	66.
2166:	68.	74.	76.	73.	60.	80.	62.	80.	54.
2175:	82.	77.	67.	77.	84.	76.	82.	69.	77.
2184:	70.	81.	67.	74.	75.	71.	94.	67.	82.
2193:	59.	95.	94.	94.	69.	59.	75.	82.	66.
2202:	54.	71.	64.	74.	75.	81.	84.	76.	96.
2211:	87.	81.	74.	77.	69.	107.	98.	74.	88.
2220:	102.	90.	85.	94.	94.	106.	97.	108.	121.
2229:	140.	131.	163.	240.	328.	487.	633.	881.	1098.
2238:	1153.	1103.	925.	733.	472.	421.	341.	359.	420.
2247:	477.	546.	720.	940.	1480.	2605.	4718.	8333.	13398.
2256:	18836.	23073.	24570.	21783.	16989.	11215.	6263.	2945.	1247.
2265:	463.	176.	112.	57.	66.	50.	50.	42.	52.
2274:	50.	42.	60.	40.	42.	29.	40.	39.	41.
2283:	31.	46.	44.	49.	49.	44.	35.	33.	45.
2292:	37.	22.	35.	43.	34.	40.	31.	41.	35.
2301:	41.	34.	50.	35.	36.	35.	34.	36.	31.
2310:	30.	25.	27.	37.	40.	35.	29.	33.	39.
2319:	37.	31.	37.	33.	28.	26.	44.	26.	34.
2328:	28.	30.	31.	34.	36.	32.	26.	30.	34.
2337:	23.	33.	43.	37.	24.	30.	26.	31.	33.
2346:	25.	33.	22.	32.	30.	30.	22.	20.	36.
2355:	29.	27.	25.	24.	31.	32.	35.	27.	26.
2364:	26.	28.	26.	19.	29.	28.	25.	24.	29.

% ANTIMONY

1.43511

% ARSENIC

0.0340

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:57:12

KILLIS

20523023 WZ

SAMPLE WEIGHT: (UG) 12972.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
 ACQUIRE DATE: 27-MAY-82 20:16:03 GEM 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 503. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1083.	3198.	0.0159	0.0004	2.3
%-ANTIMONY	564.1	769.	162241.	1.8396	0.0063	0.3
%-ARSENIC	559.3	924.	4217.	0.0333	0.0006	1.9
		CU	SB	AS		
CNT'S/UG/MIN AT RD		361.4	101.1	171.05		
CENTROID CHANNEL		2044	2257	2238		
HALF-LIFE		12.8 H	2.7 D	26.3 H		
BACKGROUND SPACING		50 L&R	30 L&R	30 L CH 2244 R		
BACKGROUND CHANNELS		22 L&R	22 L&R	11 L 1 R		
PEAK CHANNELS		13	13	5		

1988:	103.	92.	93.	108.	81.	95.	80.	90.	89.
1997:	101.	81.	89.	91.	99.	81.	93.	89.	93.
2006:	105.	90.	106.	92.	82.	93.	103.	76.	94.
2015:	78.	81.	89.	104.	88.	92.	99.	96.	87.
2024:	90.	110.	92.	90.	88.	92.	105.	96.	114.
2033:	114.	113.	140.	151.	156.	207.	217.	289.	310.
2042:	356.	388.	424.	383.	436.	367.	341.	314.	249.
2051:	191.	175.	145.	130.	121.	111.	77.	84.	109.
2060:	80.	73.	82.	83.	70.	74.	84.	71.	69.
2069:	74.	67.	78.	65.	77.	100.	64.	83.	84.
2078:	94.	73.	83.	87.	69.	84.	71.	76.	77.
2087:	77.	72.	77.	76.	75.	66.	65.	76.	89.
2096:	72.	96.	79.	62.	80.	70.	76.	91.	75.
2105:	71.	93.	83.	61.	67.	79.	76.	85.	76.

% COPPER

0.0159

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 04:57:41

KILLER

205231025 W2

SAMPLE WEIGHT: (UG) 12972.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 20:16:03

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 503. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	61.	75.	73.	73.	82.	82.	81.	85.	77.
2139:	78.	93.	68.	77.	81.	65.	80.	64.	82.
2148:	57.	77.	74.	78.	76.	82.	65.	73.	82.
2157:	71.	72.	93.	62.	61.	70.	75.	84.	70.
2166:	60.	93.	70.	81.	70.	69.	79.	76.	97.
2175:	79.	86.	85.	70.	82.	69.	89.	91.	90.
2184:	94.	77.	100.	90.	94.	86.	70.	95.	85.
2193:	83.	87.	64.	80.	70.	86.	83.	62.	77.
2202:	84.	73.	79.	89.	83.	78.	68.	90.	92.
2211:	87.	84.	101.	112.	91.	93.	106.	98.	107.
2220:	90.	109.	116.	99.	117.	111.	115.	141.	132.
2229:	130.	152.	161.	239.	310.	445.	716.	978.	1138.
2238:	1224.	1099.	970.	723.	515.	437.	393.	401.	442.
2247:	500.	584.	711.	989.	1563.	2575.	4836.	8571.	13852.
2256:	19743.	29834.	25428.	22907.	17749.	12029.	6660.	3263.	1930.
2265:	504.	173.	99.	70.	60.	68.	68.	61.	59.
2274:	58.	57.	47.	67.	54.	55.	55.	45.	48.
2283:	49.	53.	37.	40.	40.	48.	53.	47.	31.
2292:	39.	49.	37.	46.	29.	35.	35.	31.	28.
2301:	39.	42.	43.	32.	39.	40.	37.	39.	30.
2310:	37.	35.	37.	45.	37.	33.	29.	33.	30.
2319:	37.	31.	35.	31.	43.	43.	34.	21.	33.
2328:	29.	43.	42.	33.	41.	39.	40.	42.	39.
2337:	34.	34.	33.	26.	24.	44.	27.	28.	18.
2346:	24.	22.	32.	33.	28.	38.	36.	26.	34.
2355:	34.	34.	33.	31.	36.	38.	31.	29.	34.
2364:	34.	24.	32.	33.	33.	39.	34.	31.	34.

% ANTIMONY

1.1356

% ARSENIC

0.0333

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:58:48

KALIC

2052310255 02

SAMPLE WEIGHT: (UG) 12489.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 20:24:39 GEN 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 501. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1052.	2989.	0.0156	0.0004	2.4
%-ANTIMONY	564.1	730.	158106.	1.8649	0.0064	0.3
%-ARSENIC	559.3	864.	4185.	0.0344	0.0007	1.9
			CU	SE	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2044	2237	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L	CH 2245 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 R
PEAK CHANNELS			13	13	5	

1988:	83.	76.	101.	83.	91.	89.	86.	104.	79.
1997:	91.	78.	80.	91.	65.	77.	105.	86.	77.
2006:	77.	83.	74.	85.	70.	83.	85.	101.	83.
2015:	86.	90.	69.	90.	87.	100.	86.	78.	84.
2024:	79.	80.	77.	95.	94.	90.	98.	78.	106.
2033:	105.	116.	109.	140.	154.	207.	210.	240.	278.
2042:	349.	357.	378.	396.	392.	337.	336.	291.	270.
2051:	200.	163.	140.	117.	96.	80.	104.	100.	91.
2060:	84.	79.	79.	93.	75.	68.	81.	79.	72.
2069:	68.	75.	73.	64.	69.	68.	63.	93.	75.
2078:	65.	94.	69.	59.	89.	75.	86.	83.	80.
2087:	77.	72.	67.	63.	83.	84.	67.	75.	70.
2096:	75.	88.	77.	73.	56.	79.	85.	76.	85.
2105:	82.	75.	87.	86.	86.	90.	71.	75.	73.

% COPPER

0.0156

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 04:59:16

KILL 20521025 WZ

SAMPLE WEIGHT: (UG) 12489.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 20:24:39 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 301. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

2130:	80.	67.	67.	78.	75.	78.	71.	66.	84.
2139:	80.	74.	60.	60.	86.	58.	72.	70.	68.
2148:	70.	82.	73.	54.	61.	93.	64.	67.	92.
2157:	77.	65.	88.	73.	72.	68.	64.	72.	91.
2166:	67.	86.	63.	59.	82.	71.	84.	85.	66.
2175:	73.	68.	68.	74.	68.	90.	83.	90.	67.
2184:	74.	77.	80.	75.	79.	67.	64.	85.	93.
2193:	74.	73.	84.	80.	94.	89.	64.	79.	90.
2202:	65.	78.	89.	64.	81.	88.	60.	79.	79.
2211:	76.	84.	86.	89.	96.	101.	94.	105.	75.
2220:	101.	91.	97.	118.	103.	97.	109.	119.	117.
2229:	129.	151.	183.	234.	327.	478.	706.	905.	1145.
2238:	1192.	1110.	932.	691.	540.	448.	396.	361.	404.
2247:	460.	550.	685.	992.	1438.	2587.	4789.	8260.	13306.
2256:	19141.	23310.	24666.	22668.	17192.	11688.	6651.	3140.	1307.
2265:	509.	208.	94.	80.	50.	71.	65.	60.	54.
2274:	50.	58.	49.	56.	46.	45.	46.	44.	39.
2283:	40.	51.	55.	42.	46.	40.	34.	36.	40.
2292:	37.	50.	32.	35.	30.	31.	43.	39.	30.
2301:	27.	37.	25.	37.	35.	40.	37.	25.	34.
2310:	40.	40.	23.	33.	34.	44.	34.	27.	36.
2319:	33.	37.	29.	32.	31.	45.	32.	28.	33.
2328:	26.	38.	25.	29.	38.	33.	31.	36.	37.
2337:	36.	27.	37.	35.	41.	36.	32.	24.	24.
2346:	23.	28.	31.	24.	29.	30.	33.	29.	27.
2355:	37.	35.	33.	24.	31.	21.	34.	37.	24.
2364:	26.	27.	26.	26.	37.	37.	34.	31.	25.

% ANTIMONY

1.4354

% ARSENIC

0.0347

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:00:24

KJL 24

120522AL0253 WZ

SAMPLE WEIGHT: (UG) 12496.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
 ACQUIRE DATE: 27-MAY-82 20:33:14 GEM 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 518. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1382.	239.	0.0013	0.0003	22.9
%-ANTIMONY	564.1	995.	224179.	2.6468	0.0084	0.3
%-ARSENIC	559.3	0.	0.	0.0000E-01	NOT DETECTABLE	

	CU	SB	AS
CNTS/UG/MIN AT RD	361.4	101.1	171.05
CENTROID CHANNEL	2044	2257	2237
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	50 L&R	80 L&R	30 L CH 2237 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1988:	115.	124.	122.	107.	96.	121.	116.	141.	110.
1997:	117.	111.	103.	121.	119.	107.	122.	114.	123.
2006:	100.	110.	126.	124.	101.	111.	106.	123.	118.
2015:	102.	106.	125.	105.	135.	129.	116.	103.	116.
2024:	111.	103.	97.	120.	108.	116.	101.	113.	119.
2033:	115.	119.	109.	108.	112.	122.	135.	122.	120.
2042:	123.	122.	138.	148.	125.	118.	119.	107.	122.
2051:	110.	101.	127.	100.	98.	115.	102.	117.	109.
2060:	130.	95.	106.	100.	109.	88.	111.	104.	99.
2069:	123.	102.	94.	101.	110.	120.	116.	108.	106.
2078:	108.	114.	104.	104.	111.	98.	92.	94.	98.
2087:	109.	95.	104.	104.	83.	110.	97.	97.	107.
2096:	85.	98.	91.	95.	107.	96.	101.	105.	104.
2105:	97.	115.	95.	98.	88.	96.	99.	99.	107.

% COPPER

0.0013

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 03:00:32

K12A

20521025 W2

SAMPLE WEIGHT: (UG) 12496.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN K14

ACQUIRE DATE: 27-MAY-82 20:33:14

GEN 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 518. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	94.	110.	92.	106.	95.	114.	109.	87.	87.
2139:	90.	108.	103.	112.	103.	93.	99.	113.	102.
2148:	88.	107.	102.	85.	118.	94.	106.	101.	104.
2157:	99.	70.	88.	97.	113.	107.	100.	106.	87.
2166:	100.	120.	104.	119.	98.	106.	87.	113.	111.
2175:	108.	111.	98.	111.	99.	106.	100.	95.	103.
2184:	109.	100.	107.	102.	117.	106.	101.	100.	102.
2193:	102.	122.	96.	108.	107.	113.	115.	116.	105.
2202:	112.	134.	110.	133.	118.	121.	130.	125.	117.
2211:	123.	120.	121.	145.	117.	124.	111.	137.	138.
2220:	145.	142.	134.	141.	135.	138.	126.	159.	148.
2229:	141.	132.	185.	205.	181.	210.	231.	292.	286.
2238:	323.	321.	374.	406.	433.	467.	495.	590.	642.
2247:	793.	922.	1150.	1564.	2324.	3861.	6852.	11925.	18962.
2256:	26851.	32866.	35189.	31978.	24592.	16052.	9209.	4513.	1860.
2265:	684.	320.	170.	114.	87.	89.	105.	75.	91.
2274:	87.	95.	84.	68.	63.	75.	68.	73.	92.
2283:	78.	62.	68.	66.	58.	53.	51.	68.	52.
2292:	70.	57.	68.	61.	57.	60.	69.	55.	64.
2301:	58.	57.	54.	55.	67.	49.	51.	58.	44.
2310:	51.	54.	48.	61.	46.	51.	65.	52.	53.
2319:	49.	51.	46.	43.	44.	46.	48.	56.	42.
2328:	48.	64.	52.	48.	49.	41.	39.	55.	42.
2337:	51.	55.	64.	58.	50.	41.	44.	46.	50.
2346:	45.	54.	53.	47.	52.	45.	42.	33.	43.
2355:	33.	43.	47.	65.	38.	38.	40.	50.	39.
2364:	43.	31.	40.	56.	53.	39.	42.	35.	41.

% ANTIMONY

2.5463

% ARSENIC

NOT DETECTABLE

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:01:59

K11213

205210215 WZ

SAMPLE WEIGHT: (UG) 12389.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
 ACQUIRE DATE: 27-MAY-82 20:42:05 GEM 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 519. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1448.	144.	7.6925E-04	2.9400E-04	38.2
%-ANTIMONY	564.1	1002.	223607.	2.6909	0.0085	0.3
%-ARSENIC	559.3	0.	0.	0.0000E-01	NOT DETECTABLE	

	CU	SB	AS
CNTS/UG/MIN AT RD	361.4	101.1	171.05
CENTROID CHANNEL	2044	2257	2237
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	50 L&R	30 L&R	30 L CH 2237 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1988:	126.	103.	134.	119.	101.	128.	132.	97.	132.
1997:	119.	117.	113.	131.	105.	117.	129.	111.	128.
2006:	138.	130.	123.	105.	116.	121.	117.	105.	117.
2015:	136.	104.	103.	121.	99.	125.	126.	99.	116.
2024:	110.	120.	107.	104.	112.	117.	113.	124.	101.
2033:	123.	106.	124.	125.	101.	110.	103.	115.	126.
2042:	118.	122.	130.	146.	131.	110.	131.	134.	116.
2051:	109.	115.	104.	90.	119.	103.	102.	113.	101.
2060:	104.	105.	91.	107.	90.	118.	115.	110.	94.
2069:	114.	110.	93.	85.	98.	119.	89.	102.	107.
2078:	110.	88.	105.	96.	104.	108.	101.	102.	94.
2087:	103.	103.	112.	107.	108.	99.	119.	121.	95.
2096:	95.	101.	89.	109.	112.	121.	112.	103.	113.
2105:	123.	116.	116.	110.	88.	99.	96.	95.	95.

% COPPER

U . U U U E

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:02:28

K12B

20523025 02

SAMPLE WEIGHT: (UG) 12389.00

ACTIVATION: 27-MAY-82 10:01:00

NES 10 MIN K14

ACQUIRE DATE: 27-MAY-82 20:42:05

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 519. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFF-SET: -0.0226080 KEV

2130:	89.	93.	84.	87.	115.	103.	100.	100.	99.
2139:	113.	101.	107.	94.	81.	125.	123.	115.	104.
2148:	113.	116.	112.	98.	95.	93.	94.	96.	84.
2157:	103.	99.	100.	82.	128.	104.	110.	86.	127.
2166:	84.	118.	98.	79.	103.	112.	106.	116.	100.
2175:	113.	101.	97.	90.	115.	99.	117.	97.	113.
2184:	98.	105.	102.	104.	118.	121.	102.	112.	103.
2193:	117.	91.	130.	108.	122.	124.	114.	102.	115.
2202:	115.	112.	132.	110.	116.	118.	132.	135.	116.
2211:	122.	129.	124.	122.	150.	107.	118.	151.	132.
2220:	131.	101.	149.	138.	116.	126.	181.	182.	174.
2229:	175.	167.	183.	223.	202.	243.	246.	245.	283.
2238:	300.	363.	429.	397.	443.	492.	573.	589.	682.
2247:	829.	897.	1165.	1491.	2340.	3926.	7043.	12087.	19024.
2256:	27183.	33149.	35211.	31843.	24672.	16277.	9292.	4562.	1929.
2265:	755.	293.	155.	103.	97.	99.	108.	87.	93.
2274:	89.	59.	63.	87.	83.	80.	65.	68.	74.
2283:	77.	76.	77.	76.	67.	65.	67.	71.	70.
2292:	60.	69.	66.	64.	69.	44.	68.	57.	59.
2301:	60.	67.	70.	55.	55.	56.	49.	45.	54.
2310:	63.	57.	66.	51.	48.	46.	65.	60.	57.
2319:	50.	55.	57.	40.	50.	56.	50.	48.	43.
2328:	40.	51.	53.	59.	49.	48.	59.	37.	50.
2337:	55.	47.	52.	55.	45.	48.	52.	50.	42.
2346:	54.	55.	50.	50.	38.	37.	64.	44.	47.
2355:	44.	41.	35.	54.	46.	44.	42.	58.	43.
2364:	52.	47.	42.	47.	39.	47.	44.	43.	46.

% ANTIMONY

22.2505

% ARSENIC

NOT DETECTABLE

28-MAY-82 05:03:36

21321 1125 42

```
SAMPLE WEIGHT: ( UG ) 13486.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
ACQUIRE DATE: 27-MAY-82 20:50:57 GEM 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 524. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV
```

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1590.	158.	7.7097E-04	2.8112E-04	36.5
%-ANTIMONY	564.1	1122.	241948.	2.6164	0.0081	0.3
%-ARSENIC	559.3	0.	0.	0.0000E-01	NOT DETECTABLE	
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2042	225/	223/	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L	CH 2237 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 R
PEAK CHANNELS			13	13	5	

1988:	145.	113.	146.	108.	123.	132.	136.	124.	163.
1997:	117.	132.	139.	129.	121.	145.	126.	142.	124.
2006:	123.	146.	148.	134.	128.	122.	127.	140.	139.
2015:	124.	124.	130.	138.	127.	126.	142.	135.	121.
2024:	133.	120.	125.	120.	133.	129.	129.	124.	142.
2033:	135.	124.	136.	136.	132.	130.	126.	116.	131.
2042:	148.	152.	130.	138.	130.	140.	139.	117.	126.
2051:	120.	127.	110.	121.	114.	127.	124.	132.	98.
2060:	99.	104.	103.	127.	119.	110.	119.	124.	129.
2069:	135.	122.	121.	119.	103.	125.	101.	121.	113.
2078:	127.	113.	98.	112.	111.	113.	126.	89.	120.
2087:	115.	134.	123.	105.	113.	108.	106.	104.	110.
2096:	107.	124.	118.	103.	129.	105.	101.	142.	111.
2105:	113.	112.	104.	122.	137.	112.	105.	106.	116.

U.S. DEPARTMENT OF JUSTICE

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:04:04

K1212

205231025 W2

SAMPLE WEIGHT: (UG) 13686.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 20:50:57

GEN 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 524. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFF-SET: -0.0226080 KEV

2130:	99.	116.	100.	103.	118.	101.	100.	103.	105.
2139:	105.	104.	135.	94.	108.	124.	103.	117.	115.
2148:	110.	125.	124.	123.	125.	111.	102.	93.	106.
2157:	104.	131.	116.	96.	126.	108.	123.	116.	116.
2166:	116.	97.	121.	107.	109.	110.	119.	122.	110.
2175:	110.	113.	117.	110.	140.	124.	136.	117.	141.
2184:	114.	116.	110.	125.	108.	104.	121.	123.	140.
2193:	124.	128.	122.	110.	118.	151.	130.	120.	139.
2202:	132.	136.	140.	119.	125.	151.	138.	136.	136.
2211:	137.	139.	129.	154.	147.	145.	134.	152.	164.
2220:	136.	147.	155.	159.	146.	174.	167.	178.	153.
2229:	168.	196.	182.	198.	236.	235.	267.	303.	328.
2238:	400.	395.	416.	429.	490.	504.	623.	702.	723.
2247:	907.	1070.	1288.	1739.	2577.	4260.	7597.	12871.	20521.
2256:	28704.	35545.	37707.	34134.	26662.	17600.	9962.	4930.	2091.
2265:	804.	366.	174.	139.	133.	109.	102.	103.	106.
2274:	91.	88.	83.	87.	63.	92.	82.	72.	95.
2283:	66.	71.	81.	65.	78.	79.	62.	86.	68.
2292:	68.	63.	68.	74.	62.	71.	78.	71.	66.
2301:	66.	66.	55.	52.	77.	70.	58.	68.	67.
2310:	60.	65.	57.	62.	64.	48.	67.	52.	65.
2319:	48.	56.	51.	73.	53.	54.	56.	53.	53.
2328:	44.	53.	64.	63.	60.	66.	47.	47.	48.
2337:	54.	54.	52.	54.	49.	49.	66.	53.	59.
2346:	57.	48.	52.	38.	45.	54.	51.	53.	61.
2355:	53.	33.	60.	41.	51.	50.	57.	57.	42.
2364:	49.	46.	45.	36.	55.	53.	37.	44.	54.

% ANTIMONY

2.6154

% ARSENIC

NOT DETECTABLE

FEDERAL BUREAU OF INVESTIGATION
LEAD ANALYSIS
28-MAY-82 05:05:12

K13A 20521025 W2

SAMPLE WEIGHT: (UG) 12675.00
ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN K14
ACQUIRE DATE: 27-MAY-82 20:39:52 GEN 13
PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
ELAPSED REAL TIME: 501. SEC KEV/CHNL: 0.2500463
ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1060.	4381.	0.0232	0.0004	1.9
%-ANTIMONY	564.1	687.	161129.	1.8843	0.0065	0.3
%-ARSENIC	559.3	856.	956.	0.0079	0.0004	5.4

	CU	SB	AS
CNTS/UG/MIN AT RD	361.4	101.1	171.05
CENTROID CHANNEL	2043	2237	2238
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	50 L&R	80 L&R	30 L CH 2242 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1988:	100.	83.	92.	99.	81.	81.	85.	112.	88.
1997:	87.	91.	94.	69.	99.	89.	84.	99.	93.
2006:	91.	85.	98.	87.	85.	78.	78.	91.	93.
2015:	90.	84.	89.	105.	103.	84.	85.	107.	97.
2024:	91.	109.	94.	84.	103.	87.	87.	107.	112.
2033:	108.	129.	151.	166.	180.	213.	294.	334.	378.
2042:	460.	508.	520.	507.	507.	471.	451.	389.	338.
2051:	284.	192.	186.	141.	123.	117.	111.	92.	84.
2060:	85.	51.	94.	72.	73.	91.	79.	80.	78.
2069:	83.	88.	62.	71.	70.	60.	76.	87.	81.
2078:	85.	88.	82.	82.	77.	62.	76.	68.	79.
2087:	71.	85.	73.	76.	78.	83.	78.	70.	67.
2096:	77.	73.	76.	69.	68.	62.	64.	88.	91.
2105:	79.	86.	75.	83.	81.	77.	87.	62.	56.

% COPPER 0.0232

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 05:05:40

K13A

20521025 WZ

SAMPLE WEIGHT: (UG) 12675.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 20:59:52

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 501. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN RT4

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	82.	58.	74.	59.	62.	71.	72.	89.	79.
2139:	79.	76.	61.	54.	73.	70.	69.	69.	74.
2148:	79.	68.	64.	59.	70.	84.	62.	56.	70.
2157:	67.	67.	77.	80.	72.	75.	73.	79.	85.
2166:	68.	86.	68.	65.	70.	53.	63.	75.	73.
2175:	67.	66.	87.	74.	72.	76.	77.	68.	80.
2184:	79.	72.	56.	94.	71.	73.	77.	89.	55.
2193:	73.	77.	78.	82.	81.	78.	89.	72.	76.
2202:	89.	70.	71.	84.	79.	77.	84.	76.	86.
2211:	63.	80.	86.	87.	85.	84.	75.	83.	103.
2220:	76.	100.	90.	111.	85.	112.	103.	111.	123.
2229:	117.	109.	126.	139.	173.	206.	264.	317.	374.
2238:	404.	421.	392.	336.	303.	320.	311.	341.	421.
2247:	483.	536.	701.	970.	1410.	2530.	4789.	8327.	13476.
2256:	19052.	23916.	25418.	22998.	17986.	12004.	6646.	3264.	1350.
2265:	502.	218.	74.	78.	64.	47.	61.	50.	45.
2274:	37.	49.	53.	44.	45.	46.	45.	37.	49.
2283:	36.	50.	51.	31.	44.	42.	45.	34.	35.
2292:	44.	43.	48.	26.	32.	39.	42.	41.	45.
2301:	56.	38.	31.	35.	25.	47.	37.	31.	37.
2310:	28.	31.	35.	28.	30.	38.	38.	25.	33.
2319:	38.	33.	25.	26.	30.	27.	26.	24.	37.
2328:	31.	37.	34.	32.	29.	40.	24.	36.	36.
2337:	29.	41.	26.	42.	33.	29.	39.	41.	28.
2346:	21.	26.	26.	27.	22.	28.	27.	34.	23.
2355:	24.	24.	28.	27.	31.	37.	16.	29.	30.
2364:	28.	31.	31.	27.	21.	24.	25.	28.	31.

% ANTIMONY

1.13343

% ARSENIC

0.0075

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:06:47

K13B

20521025 02

SAMPLE WEIGHT: (UG) 12668.00

ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 21:08:24 GEM 13

PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 301. SEC KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1054.	4237.	0.0226	0.0004	1.9
%-ANTIMONY	564.1	678.	163715.	1.9185	0.0066	0.3
%-ARSENIC	559.3	897.	987.	0.0082	0.0004	5.4
		CU	SE	AS		
CNTS/UG/MIN AT RD		361.4	101.1	171.05		
CENTROID CHANNEL		2045	2258	2239		
HALF-LIFE		12.8 H	2.7 D	26.3 H		
BACKGROUND SPACING		50 L&R	80 L&R	30 L CH 2244 R		
BACKGROUND CHANNELS		22 L&R	22 L&R	11 L 1 R		
PEAK CHANNELS		13	13	5		

1988:	71.	86.	87.	78.	84.	72.	100.	72.	97.
1997:	102.	97.	82.	95.	91.	99.	81.	87.	93.
2006:	118.	80.	105.	90.	96.	92.	81.	94.	93.
2015:	89.	79.	99.	100.	107.	74.	78.	89.	90.
2024:	97.	95.	79.	87.	89.	96.	92.	100.	131.
2033:	117.	129.	146.	158.	186.	217.	290.	314.	397.
2042:	411.	435.	509.	528.	514.	487.	436.	397.	307.
2051:	266.	228.	169.	140.	126.	106.	93.	126.	83.
2060:	96.	79.	76.	82.	72.	91.	87.	74.	90.
2069:	65.	73.	79.	86.	68.	74.	86.	78.	77.
2078:	68.	75.	77.	69.	89.	65.	72.	63.	75.
2087:	76.	69.	74.	69.	74.	85.	74.	70.	71.
2096:	79.	73.	80.	80.	63.	84.	69.	85.	81.
2105:	87.	81.	94.	74.	58.	75.	81.	79.	87.

% COPPER

0.02226

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:07:15

K13B

20521025 W2

SAMPLE WEIGHT: (UG) 12668.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN K14

ACQUIRE DATE: 27-MAY-82 21:08:24

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 501. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	82.	59.	82.	72.	58.	58.	100.	80.	81.
2139:	82.	87.	74.	66.	63.	51.	71.	57.	67.
2148:	64.	65.	80.	79.	76.	76.	94.	83.	69.
2157:	59.	73.	79.	76.	63.	69.	93.	80.	68.
2166:	61.	74.	86.	61.	71.	81.	59.	68.	71.
2175:	62.	80.	75.	77.	64.	83.	81.	71.	82.
2184:	84.	63.	65.	65.	72.	68.	68.	87.	94.
2193:	67.	71.	85.	68.	68.	70.	73.	87.	75.
2202:	87.	79.	71.	79.	79.	74.	81.	77.	92.
2211:	80.	90.	96.	78.	81.	110.	86.	94.	89.
2220:	79.	90.	87.	103.	93.	92.	107.	111.	106.
2229:	119.	138.	134.	151.	160.	220.	290.	323.	379.
2238:	422.	462.	369.	361.	334.	348.	321.	386.	423.
2247:	450.	568.	738.	933.	1370.	2503.	4556.	8354.	13352.
2256:	19200.	23838.	25941.	23580.	18499.	12393.	7234.	3484.	1459.
2265:	551.	206.	100.	69.	53.	65.	45.	42.	52.
2274:	46.	58.	41.	61.	52.	49.	37.	44.	47.
2283:	42.	55.	53.	54.	51.	43.	49.	51.	41.
2292:	34.	37.	35.	29.	36.	35.	46.	35.	26.
2301:	24.	38.	35.	39.	40.	33.	36.	35.	28.
2310:	26.	28.	33.	33.	29.	35.	34.	23.	33.
2319:	29.	44.	28.	31.	26.	32.	37.	33.	34.
2328:	27.	30.	30.	33.	35.	31.	34.	32.	20.
2337:	32.	24.	35.	25.	32.	37.	31.	39.	38.
2346:	37.	29.	28.	30.	35.	33.	35.	28.	30.
2355:	30.	32.	34.	28.	25.	28.	38.	31.	36.
2364:	26.	20.	33.	33.	36.	17.	21.	34.	32.

% ANTIMONY

J. W. JES

% ARSENIC

O. O. JES

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:08:23

K1130

20521025 WZ

SAMPLE WEIGHT: (UG) 12562.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN R14
 ACQUIRE DATE: 27-MAY-82 21:16:59 GEM 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 498. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	977.	4190.	0.0227	0.0004	1.9
%-ANTIMONY	364.1	647.	154315.	1.8264	0.0063	0.3
%-ARSENIC	559.3	849.	1011.	0.0085	0.0004	5.2

	CU	SB	AS
CNTS/UG/MIN AT RD	361.4	101.1	171.05
CENTROID CHANNEL	2045	2237	2238
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	50 L&R	80 L&R	30 L CH 2243 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1988:	89.	99.	61.	60.	92.	90.	84.	78.	77.
1997:	96.	74.	94.	83.	94.	81.	68.	80.	84.
2006:	83.	86.	85.	90.	101.	95.	78.	86.	77.
2015:	74.	87.	81.	84.	88.	74.	68.	68.	84.
2024:	87.	59.	83.	101.	79.	102.	86.	91.	93.
2033:	100.	133.	121.	140.	158.	206.	237.	316.	401.
2042:	405.	444.	504.	508.	511.	466.	427.	379.	299.
2051:	270.	195.	171.	114.	119.	100.	90.	97.	82.
2060:	73.	59.	78.	76.	75.	102.	79.	67.	51.
2069:	67.	88.	68.	66.	81.	74.	63.	67.	71.
2078:	64.	66.	78.	57.	62.	68.	87.	79.	75.
2087:	70.	70.	82.	66.	69.	65.	77.	69.	63.
2096:	74.	68.	75.	68.	71.	88.	73.	68.	65.
2105:	63.	72.	71.	48.	48.	78.	83.	72.	51.

% COPPER

0.0227

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:08:31

K13C

20521025 02

SAMPLE WEIGHT: (UG) 12562.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 21:16:59

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 498. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	55.	68.	64.	50.	75.	73.	64.	59.	57.
2139:	72.	64.	74.	76.	67.	65.	64.	66.	63.
2148:	73.	66.	63.	64.	67.	65.	81.	63.	77.
2157:	77.	83.	72.	62.	86.	66.	70.	71.	60.
2166:	91.	68.	57.	46.	59.	64.	72.	66.	65.
2175:	64.	86.	69.	72.	57.	69.	86.	51.	73.
2184:	79.	63.	71.	75.	56.	68.	72.	59.	75.
2193:	73.	70.	77.	68.	73.	63.	83.	61.	72.
2202:	84.	75.	75.	78.	80.	75.	67.	79.	89.
2211:	76.	78.	77.	80.	76.	71.	89.	86.	84.
2220:	89.	88.	107.	93.	85.	91.	101.	106.	106.
2229:	106.	94.	112.	138.	151.	203.	256.	328.	373.
2238:	421.	374.	385.	353.	319.	271.	325.	368.	413.
2247:	427.	465.	667.	826.	1403.	2312.	4557.	7805.	12875.
2256:	18199.	22590.	23916.	22151.	17425.	11804.	6716.	3209.	1341.
2265:	511.	184.	107.	69.	53.	67.	68.	30.	45.
2274:	57.	47.	38.	40.	38.	38.	47.	44.	36.
2283:	41.	33.	37.	40.	46.	34.	43.	38.	34.
2292:	44.	39.	39.	41.	33.	33.	33.	41.	24.
2301:	38.	37.	41.	37.	31.	35.	37.	28.	43.
2310:	31.	39.	24.	34.	32.	38.	31.	25.	27.
2319:	20.	29.	29.	33.	29.	30.	34.	25.	28.
2328:	28.	26.	35.	20.	35.	38.	31.	34.	27.
2337:	34.	38.	21.	23.	25.	32.	27.	23.	18.
2346:	27.	30.	34.	39.	27.	24.	33.	23.	26.
2355:	24.	28.	22.	35.	29.	38.	23.	22.	34.
2364:	20.	23.	25.	22.	25.	29.	21.	29.	28.

% ANTIMONY

1.13254

% ARSENIC

0.0005

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:09:58

S626A

20521025 02

SAMPLE WEIGHT: (UG) 12555.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
 ACQUIRE DATE: 27-MAY-82 21:25:30 GEM 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 472. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	424.	14269.	0.0780	0.0008	1.0
%-ANTIMONY	564.1	234.	60631.	0.7191	0.0034	0.3
%-ARSENIC	559.3	322.	424.	0.0036	0.0003	7.7

	CU	SB	AS
CNTS/UG/MIN AT RD	361.4	101.1	171.05
CENTROID CHANNEL	2045	2258	2239
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	50 L&R	80 L&R	30 L CH 2243 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1988:	38.	47.	29.	50.	33.	33.	29.	33.	35.
1997:	43.	41.	36.	33.	43.	34.	33.	36.	39.
2006:	31.	52.	50.	24.	33.	39.	40.	44.	42.
2015:	29.	49.	40.	42.	40.	40.	48.	42.	31.
2024:	44.	50.	46.	56.	60.	62.	72.	94.	116.
2033:	134.	154.	223.	243.	362.	453.	609.	818.	1019.
2042:	1175.	1390.	1469.	1496.	1496.	1377.	1269.	1034.	843.
2051:	648.	499.	358.	231.	186.	118.	116.	73.	73.
2060:	64.	40.	43.	41.	32.	25.	35.	30.	33.
2069:	29.	31.	38.	34.	25.	30.	34.	32.	31.
2078:	33.	25.	22.	21.	21.	34.	30.	24.	25.
2087:	29.	30.	38.	28.	29.	29.	33.	25.	33.
2096:	32.	37.	23.	28.	25.	15.	26.	25.	29.
2105:	33.	27.	28.	28.	28.	23.	29.	37.	28.

% COPPER

0.0780

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:10:27

5626A

20521025 W2

SAMPLE WEIGHT: (UG) 12535.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 21:25:30

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 472. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	22.	22.	26.	41.	26.	22.	34.	22.	30.
2139:	22.	21.	22.	32.	14.	21.	39.	25.	25.
2148:	20.	28.	31.	33.	35.	32.	27.	24.	24.
2157:	27.	23.	28.	27.	28.	31.	23.	37.	30.
2166:	24.	28.	22.	25.	26.	28.	33.	20.	23.
2175:	25.	25.	24.	29.	29.	22.	28.	24.	28.
2184:	27.	28.	24.	20.	17.	22.	34.	29.	33.
2193:	32.	28.	27.	28.	35.	27.	31.	26.	21.
2202:	30.	25.	27.	25.	36.	22.	30.	26.	36.
2211:	24.	32.	34.	30.	27.	37.	30.	29.	24.
2220:	27.	46.	44.	34.	20.	47.	39.	36.	37.
2229:	45.	38.	47.	47.	56.	57.	97.	95.	142.
2238:	164.	144.	139.	98.	111.	76.	117.	115.	110.
2247:	108.	153.	169.	259.	456.	860.	1565.	2998.	4800.
2256:	7149.	9034.	9585.	8896.	6991.	4567.	2626.	1273.	521.
2265:	205.	80.	30.	14.	19.	20.	20.	15.	11.
2274:	8.	12.	7.	18.	10.	17.	12.	17.	14.
2283:	10.	11.	12.	15.	14.	13.	16.	16.	7.
2292:	10.	11.	9.	9.	11.	10.	8.	16.	12.
2301:	12.	18.	2.	11.	14.	7.	13.	8.	9.
2310:	7.	17.	10.	13.	6.	13.	9.	15.	10.
2319:	12.	4.	13.	9.	10.	11.	6.	10.	11.
2328:	8.	8.	8.	10.	12.	11.	13.	10.	8.
2337:	13.	4.	13.	14.	9.	12.	12.	8.	12.
2346:	9.	10.	9.	10.	8.	7.	9.	10.	11.
2355:	10.	6.	8.	14.	4.	11.	9.	10.	8.
2364:	6.	7.	7.	6.	7.	10.	7.	7.	9.

% ANTIMONY

0.2151

% ARSENIC

0.0035

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:11:34

552513

20521025 02

SAMPLE WEIGHT: (UG) 12778.00

ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 21:33:37 GLM 13

PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 473. SEC KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	462.	14279.	0.0773	0.0008	1.0
%-ANTIMONY	564.1	262.	61912.	0.7225	0.0034	0.5
%-ARSENIC	559.3	311.	412.	0.0034	0.0003	7.8
		CU	SE	AS		
CNTS/UG/MIN AT RD		361.4	101.1	171.05		
CENTROID CHANNEL		2045	2258	2238		
HALF-LIFE		12.8 H	2.7 D	26.3 H		
BACKGROUND SPACING		50 L&R	80 L&R	30 L CH 2244 R		
BACKGROUND CHANNELS		22 L&R	22 L&R	11 L 1 R		
PEAK CHANNELS		13	13	5		

1988:	44.	41.	45.	41.	41.	36.	36.	49.	41.
1997:	40.	40.	52.	37.	38.	39.	40.	47.	52.
2006:	33.	51.	46.	54.	30.	46.	47.	50.	32.
2015:	50.	30.	38.	43.	43.	34.	39.	29.	45.
2024:	45.	40.	46.	59.	49.	63.	81.	95.	115.
2033:	137.	169.	178.	296.	364.	473.	662.	791.	1049.
2042:	1219.	1410.	1490.	1521.	1504.	1357.	1276.	1046.	810.
2051:	606.	451.	340.	251.	162.	145.	119.	91.	70.
2060:	64.	46.	42.	35.	39.	31.	26.	29.	29.
2069:	29.	32.	26.	24.	30.	35.	31.	21.	25.
2078:	38.	26.	31.	32.	26.	35.	34.	39.	40.
2087:	29.	23.	34.	31.	28.	36.	29.	33.	25.
2096:	28.	26.	31.	28.	29.	24.	31.	25.	49.
2105:	29.	25.	28.	33.	33.	32.	24.	21.	32.

% COPPER

0.0773

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:12:02

5524B

20521025 WZ

SAMPLE WEIGHT: (UG) 12778.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 21:33:37

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 473. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	35.	22.	29.	28.	21.	30.	23.	29.	26.
2139:	30.	23.	27.	19.	42.	27.	29.	38.	35.
2148:	28.	25.	21.	24.	23.	19.	34.	24.	25.
2157:	32.	35.	33.	34.	26.	38.	29.	24.	27.
2166:	30.	26.	30.	26.	27.	20.	25.	24.	32.
2175:	45.	25.	21.	32.	26.	28.	31.	27.	33.
2184:	29.	20.	24.	26.	32.	33.	28.	37.	20.
2193:	33.	31.	24.	26.	20.	30.	28.	32.	29.
2202:	28.	27.	38.	18.	23.	29.	21.	32.	26.
2211:	37.	21.	39.	41.	30.	40.	38.	35.	42.
2220:	19.	40.	34.	54.	23.	46.	33.	33.	38.
2229:	40.	52.	33.	46.	54.	86.	88.	117.	132.
2238:	170.	158.	126.	106.	98.	91.	88.	101.	97.
2247:	134.	166.	180.	261.	474.	869.	1640.	3153.	5065.
2256:	7508.	9300.	9912.	8992.	6911.	4475.	2607.	1197.	545.
2265:	175.	60.	32.	15.	20.	25.	11.	14.	11.
2274:	16.	18.	16.	15.	10.	19.	11.	18.	12.
2283:	4.	17.	14.	5.	15.	6.	11.	7.	9.
2292:	12.	9.	6.	11.	16.	10.	11.	15.	9.
2301:	11.	8.	9.	9.	6.	8.	11.	11.	8.
2310:	16.	5.	12.	7.	13.	11.	5.	10.	10.
2319:	9.	9.	15.	8.	14.	13.	8.	11.	12.
2328:	10.	9.	18.	11.	10.	15.	13.	6.	9.
2337:	7.	11.	14.	9.	12.	10.	13.	8.	14.
2346:	6.	5.	6.	10.	7.	9.	11.	7.	10.
2355:	8.	12.	9.	6.	7.	4.	6.	12.	7.
2364:	12.	16.	10.	17.	8.	17.	10.	11.	9.

% ANTIMONY

0.2225

% ARSENIC

0.0039

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:13:10

84260

20521025 02

SAMPLE WEIGHT: (UG) 12624.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 21:41:43

GEN 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 473. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGD	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	447.	14252.	0.0787	0.0008	1.0
%-ANTIMONY	564.1	256.	60737.	0.7184	0.0034	0.5
%-ARSENIC	559.3	303.	405.	0.0034	0.0003	7.9
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2238	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2244 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	34.	37.	47.	44.	41.	50.	37.	40.	40.
1997:	34.	44.	40.	37.	45.	41.	41.	43.	43.
2006:	35.	40.	31.	30.	33.	36.	34.	40.	47.
2015:	33.	46.	44.	41.	30.	37.	40.	54.	48.
2024:	49.	48.	59.	52.	57.	76.	64.	100.	107.
2033:	157.	158.	190.	274.	325.	469.	663.	842.	993.
2042:	1217.	1420.	1469.	1553.	1506.	1353.	1211.	1033.	825.
2051:	614.	470.	341.	223.	168.	110.	115.	95.	65.
2060:	74.	54.	53.	30.	30.	33.	32.	37.	25.
2069:	34.	27.	50.	30.	26.	33.	24.	27.	34.
2078:	24.	33.	20.	32.	26.	27.	23.	23.	26.
2087:	31.	27.	30.	33.	28.	35.	27.	26.	24.
2096:	24.	28.	26.	30.	21.	31.	21.	25.	38.
2105:	20.	29.	27.	23.	23.	31.	17.	34.	36.

% COPPER

0.0787

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 05:13:38

84260

20521025 02

SAMPLE WEIGHT: (UG) 12624.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 21:41:43

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 473. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN K14

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	28.	22.	28.	25.	34.	28.	35.	24.	33.
2139:	29.	29.	28.	25.	27.	30.	30.	29.	22.
2148:	36.	26.	27.	42.	29.	26.	32.	21.	27.
2157:	27.	23.	28.	31.	30.	34.	25.	16.	32.
2166:	21.	33.	24.	30.	22.	27.	36.	19.	28.
2175:	19.	39.	32.	27.	38.	28.	26.	34.	30.
2184:	21.	31.	16.	22.	25.	36.	22.	27.	20.
2193:	27.	26.	30.	28.	40.	29.	24.	26.	26.
2202:	27.	22.	26.	18.	32.	33.	30.	32.	29.
2211:	18.	32.	31.	31.	32.	37.	30.	35.	30.
2220:	38.	27.	34.	32.	37.	38.	38.	28.	50.
2229:	42.	29.	43.	46.	62.	67.	86.	103.	159.
2238:	140.	144.	140.	91.	115.	91.	85.	112.	127.
2247:	146.	158.	156.	293.	425.	837.	1626.	2997.	4980.
2256:	7135.	8984.	9538.	8977.	6935.	4625.	2492.	1326.	541.
2265:	200.	52.	28.	15.	13.	19.	21.	20.	20.
2274:	12.	17.	15.	14.	8.	20.	12.	16.	12.
2283:	14.	7.	13.	18.	10.	14.	10.	9.	10.
2292:	11.	12.	16.	14.	9.	11.	10.	9.	4.
2301:	19.	9.	7.	17.	8.	11.	9.	15.	15.
2310:	13.	9.	8.	10.	8.	9.	11.	11.	7.
2319:	7.	9.	10.	9.	9.	10.	8.	11.	9.
2328:	13.	11.	8.	8.	10.	8.	12.	13.	10.
2337:	14.	9.	9.	7.	8.	11.	12.	8.	13.
2346:	10.	11.	12.	9.	7.	9.	12.	9.	9.
2355:	8.	11.	7.	9.	8.	14.	6.	12.	3.
2364:	11.	11.	8.	15.	4.	9.	13.	7.	14.

% ANTIMONY

0.2134

% ARSENIC

0.0034

FISC LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:14:45

5504A

20521025 WZ

SAMPLE WEIGHT: (UG) 12856.00

ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN K14

ACQUIRE DATE: 27-MAY-82 21:49:50 GEN 13

PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 503. SEC KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1077.	1245.	0.0068	0.0003	4.7
%-ANTIMONY	564.1	722.	150164.	1.7468	0.0061	0.3
%-ARSENIC	559.3	954.	11859.	0.0963	0.0011	1.1
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2257	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L	CH 2245 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 R
PEAK CHANNELS			13	13	5	

1988:	104.	108.	104.	92.	100.	103.	96.	91.	88.
1997:	84.	87.	103.	88.	75.	71.	98.	99.	82.
2006:	92.	89.	95.	113.	76.	98.	87.	97.	85.
2015:	83.	96.	80.	90.	75.	97.	88.	83.	71.
2024:	93.	94.	88.	86.	88.	86.	115.	85.	85.
2033:	101.	86.	113.	119.	124.	116.	141.	169.	170.
2042:	166.	213.	217.	220.	202.	201.	158.	180.	143.
2051:	142.	115.	93.	114.	89.	102.	96.	77.	99.
2060:	86.	76.	91.	74.	73.	78.	84.	80.	75.
2069:	70.	84.	73.	94.	75.	71.	79.	77.	75.
2078:	74.	94.	90.	82.	77.	80.	71.	84.	89.
2087:	82.	69.	81.	62.	65.	73.	73.	71.	68.
2096:	62.	81.	73.	81.	77.	90.	62.	68.	69.
2105:	90.	93.	80.	77.	83.	79.	89.	80.	72.

% COPPER

0.0068

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 03:15:13

56044

1205231025 W2

SAMPLE WEIGHT: (UG) 12836.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 21:49:50

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 503. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFF-SET: -0.0226080 KEV

2130:	83.	94.	81.	65.	66.	86.	85.	63.	88.
2139:	81.	72.	91.	90.	66.	57.	82.	78.	80.
2148:	66.	79.	79.	90.	83.	89.	81.	81.	58.
2157:	69.	73.	67.	73.	76.	70.	76.	99.	87.
2166:	89.	74.	87.	67.	71.	77.	68.	68.	87.
2175:	83.	59.	86.	80.	65.	83.	72.	84.	66.
2184:	73.	81.	71.	64.	52.	54.	80.	74.	81.
2193:	80.	79.	84.	84.	81.	91.	77.	69.	92.
2202:	93.	82.	69.	88.	80.	81.	100.	104.	86.
2211:	91.	89.	84.	98.	104.	118.	112.	109.	103.
2220:	134.	117.	124.	121.	128.	147.	130.	162.	159.
2229:	158.	221.	256.	393.	629.	943.	1670.	2194.	2675.
2238:	3064.	2841.	2317.	1614.	1032.	690.	488.	406.	435.
2247:	442.	587.	664.	870.	1401.	2379.	4425.	7584.	12223.
2256:	17452.	21986.	23517.	21764.	16969.	11502.	6552.	3132.	1368.
2265:	552.	211.	104.	62.	86.	64.	59.	58.	45.
2274:	45.	55.	49.	53.	51.	47.	50.	57.	45.
2283:	55.	49.	59.	58.	50.	47.	47.	49.	50.
2292:	47.	47.	47.	38.	45.	31.	42.	33.	54.
2301:	32.	49.	50.	45.	37.	41.	40.	48.	52.
2310:	33.	43.	30.	37.	41.	37.	32.	33.	41.
2319:	38.	31.	27.	39.	39.	36.	37.	35.	42.
2328:	39.	36.	33.	39.	42.	35.	45.	34.	33.
2337:	44.	31.	28.	33.	31.	31.	31.	34.	29.
2346:	40.	37.	31.	27.	37.	27.	29.	31.	47.
2355:	50.	37.	29.	35.	28.	41.	40.	31.	34.
2364:	21.	32.	34.	37.	29.	40.	39.	28.	41.

% ANTIMONY

1.27463

% ARSENIC

0.05933

LEAD ANALYSIS

28-MAY-82 05:16:21

54043

20521025 02

SAMPLE WEIGHT: (UG) 12287.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN K14
 ACQUIRE DATE: 27-MAY-82 21:58:25 GEN 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 502. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1130.	1134.	0.0065	0.0003	5.2
%-ANTIMONY	564.1	756.	147060.	1.7926	0.0063	0.4
%-ARSENIC	559.3	937.	11737.	0.1022	0.0012	1.1
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2044	2258	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L CH 2245 R	
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L 1 R	
PEAK CHANNELS			13	13	5	

1988:	111.	96.	89.	90.	91.	91.	91.	97.	96.
1997:	98.	78.	92.	76.	82.	79.	83.	86.	89.
2006:	76.	82.	107.	90.	100.	75.	105.	79.	94.
2015:	94.	72.	87.	74.	83.	88.	89.	84.	83.
2024:	92.	89.	90.	95.	81.	79.	85.	89.	81.
2033:	87.	83.	98.	102.	116.	123.	151.	153.	164.
2042:	177.	195.	204.	230.	209.	195.	175.	148.	140.
2051:	121.	111.	113.	107.	76.	80.	80.	71.	68.
2060:	69.	84.	71.	78.	63.	86.	78.	91.	76.
2069:	87.	70.	72.	71.	83.	66.	66.	69.	80.
2078:	84.	74.	70.	80.	78.	69.	85.	77.	84.
2087:	77.	73.	87.	71.	87.	72.	85.	80.	73.
2096:	106.	77.	78.	87.	84.	60.	61.	66.	63.
2105:	82.	70.	73.	66.	77.	66.	70.	82.	74.

% COPPER

0.0065

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 05:16:49

54045

20521025 02

SAMPLE WEIGHT: (UG) 12287.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 21:58:25

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 502. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN RT4

GEN 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	71.	79.	71.	71.	68.	76.	72.	80.	69.
2139:	81.	90.	83.	88.	82.	67.	88.	58.	58.
2148:	85.	85.	68.	84.	77.	70.	69.	93.	76.
2157:	70.	76.	84.	72.	87.	57.	59.	93.	73.
2166:	56.	81.	87.	91.	75.	86.	63.	82.	82.
2175:	72.	77.	69.	90.	95.	74.	82.	88.	79.
2184:	82.	66.	74.	70.	77.	66.	76.	98.	77.
2193:	86.	81.	85.	100.	85.	76.	81.	78.	80.
2202:	101.	68.	75.	85.	92.	86.	76.	100.	83.
2211:	84.	93.	95.	104.	86.	102.	99.	113.	124.
2220:	97.	121.	108.	122.	111.	131.	129.	118.	159.
2229:	183.	197.	278.	385.	577.	964.	1520.	2259.	2772.
2238:	2939.	2668.	2349.	1638.	1044.	641.	468.	415.	430.
2247:	452.	541.	626.	867.	1279.	2262.	4243.	7262.	11882.
2256:	17266.	21408.	23095.	21297.	16664.	11355.	6453.	3211.	1418.
2265:	468.	216.	111.	80.	50.	70.	55.	51.	46.
2274:	37.	47.	56.	63.	40.	46.	34.	39.	39.
2283:	58.	48.	47.	40.	51.	46.	45.	41.	43.
2292:	57.	42.	43.	35.	41.	40.	46.	47.	37.
2301:	46.	45.	42.	44.	44.	44.	41.	53.	25.
2310:	39.	42.	38.	27.	27.	27.	39.	32.	38.
2319:	33.	24.	33.	36.	29.	26.	37.	27.	29.
2328:	34.	38.	39.	37.	40.	44.	37.	33.	42.
2337:	43.	24.	22.	39.	37.	34.	34.	31.	45.
2346:	24.	32.	32.	31.	47.	40.	31.	39.	32.
2355:	27.	32.	37.	20.	34.	35.	24.	30.	28.
2364:	26.	22.	38.	35.	27.	48.	32.	38.	35.

% ANTIMONY

11.275225

% ARSENIC

0.110222

LEAD ANALYSIS

28-MAY-82 05:17:56

5504C

20521025 02

SAMPLE WEIGHT: (UG) 12333.00
 ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4
 ACQUIRE DATE: 27-MAY-82 22:07:00 GEM 13
 PRESET LIVE TIME: 450. SEC CALIB DATE: 27-MAY-82 14:12:04
 ELAPSED REAL TIME: 501. SEC KEV/CHNL: 0.2500463
 ELAPSED LIVE TIME: 450. SEC OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	1090.	1090.	0.0063	0.0003	5.3
%-ANTIMONY	564.1	702.	144037.	1.7521	0.0062	0.4
%-ARSENIC	559.3	903.	11434.	0.0996	0.0012	1.2
			CU	SB	AS	
CNTS/UG/MIN AT RD			361.4	101.1	171.05	
CENTROID CHANNEL			2045	2257	2238	
HALF-LIFE			12.8 H	2.7 D	26.3 H	
BACKGROUND SPACING			50 L&R	80 L&R	30 L	CH 2245 R
BACKGROUND CHANNELS			22 L&R	22 L&R	11 L	1 K
PEAK CHANNELS			13	13	5	

1988:	91.	88.	98.	90.	95.	79.	103.	79.	113.
1997:	85.	97.	95.	89.	74.	109.	70.	88.	76.
2006:	84.	93.	106.	70.	89.	78.	83.	69.	96.
2015:	106.	68.	83.	80.	82.	76.	87.	91.	94.
2024:	81.	94.	79.	86.	87.	77.	87.	74.	94.
2033:	91.	104.	87.	88.	108.	122.	133.	128.	169.
2042:	179.	176.	207.	202.	204.	160.	165.	157.	154.
2051:	146.	115.	114.	101.	87.	91.	87.	69.	84.
2060:	76.	72.	48.	64.	72.	76.	77.	76.	92.
2069:	62.	81.	94.	63.	94.	73.	89.	64.	77.
2078:	72.	78.	64.	74.	71.	67.	67.	86.	63.
2087:	76.	83.	79.	71.	50.	84.	78.	78.	71.
2096:	86.	80.	77.	71.	76.	66.	69.	71.	61.
2105:	81.	79.	81.	70.	66.	70.	76.	80.	69.

% COPPER

0.0063

FBI LABORATORY WASHINGTON DC
LEAD ANALYSIS
28-MAY-82 05:18:25

56040

20521025 02

SAMPLE WEIGHT: (UG) 12333.00

ACTIVATION: 27-MAY-82 10:01:00

ACQUIRE DATE: 27-MAY-82 22:07:00

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 501. SEC

ELAPSED LIVE TIME: 450. SEC

NBS 10 MIN K14

GEM 13

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

2130:	82.	77.	79.	85.	55.	80.	64.	70.	50.
2139:	77.	66.	85.	86.	60.	65.	79.	81.	77.
2148:	67.	75.	72.	55.	83.	74.	75.	69.	60.
2157:	68.	58.	73.	84.	62.	77.	71.	54.	75.
2166:	75.	79.	71.	76.	82.	78.	75.	70.	64.
2175:	87.	74.	74.	84.	76.	67.	76.	81.	75.
2184:	64.	79.	78.	67.	80.	75.	83.	78.	70.
2193:	68.	73.	90.	74.	84.	77.	90.	83.	81.
2202:	88.	88.	67.	85.	86.	67.	84.	62.	100.
2211:	91.	81.	92.	78.	81.	90.	96.	103.	105.
2220:	85.	114.	109.	112.	103.	128.	140.	149.	168.
2229:	166.	190.	255.	374.	590.	985.	1504.	2115.	2663.
2238:	2935.	2708.	2111.	1542.	966.	630.	434.	357.	443.
2247:	421.	498.	626.	858.	1314.	2220.	4145.	7284.	11659.
2256:	16885.	21365.	22865.	20740.	16420.	10701.	6068.	3073.	1270.
2265:	487.	197.	99.	72.	49.	46.	49.	62.	48.
2274:	58.	47.	46.	56.	45.	39.	38.	50.	45.
2283:	56.	40.	57.	51.	45.	50.	57.	60.	34.
2292:	53.	39.	41.	35.	36.	37.	44.	39.	34.
2301:	35.	38.	44.	45.	44.	34.	38.	36.	32.
2310:	32.	30.	36.	37.	38.	33.	39.	45.	44.
2319:	44.	44.	31.	35.	41.	26.	27.	30.	27.
2328:	29.	27.	37.	31.	36.	34.	37.	37.	31.
2337:	33.	29.	38.	25.	32.	28.	24.	27.	29.
2346:	36.	39.	40.	37.	43.	25.	36.	33.	29.
2355:	27.	31.	24.	40.	35.	28.	35.	27.	34.
2364:	32.	35.	38.	30.	20.	36.	32.	31.	32.

% ANTIMONY

1.2521

% ARSENIC

0.0796

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:19:32

BLANK

20521025 02

SAMPLE WEIGHT: (UG) 10000.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 22:15:32

GEN 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 459. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
%-COPPER	511.0	223.	440.	0.0032	0.0002	6.8
%-ANTIMONY	564.1	223.	25.	3.7896E-04	3.2594E-04	86.0
%-ARSENIC	559.3	170.	18.	1.9258E-04	2.0395E-04	105.9

	CU	SB	AS
CNTS/UG/MIN AT RD	361.4	101.1	171.05
CENTROID CHANNEL	2045	2256	2237
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	50 L&R	80 L&R	30 L CH 2245 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1988:	26.	16.	10.	21.	15.	19.	26.	19.	12.
1997:	15.	16.	18.	18.	20.	13.	12.	26.	17.
2006:	18.	12.	22.	22.	18.	15.	25.	15.	20.
2013:	18.	15.	23.	19.	19.	27.	18.	11.	20.
2024:	9.	21.	16.	23.	24.	18.	20.	15.	17.
2033:	24.	19.	19.	20.	21.	20.	39.	44.	39.
2042:	64.	64.	56.	68.	53.	56.	54.	57.	38.
2051:	31.	34.	17.	23.	17.	19.	14.	21.	19.
2060:	19.	17.	14.	12.	11.	19.	16.	24.	9.
2069:	16.	12.	18.	20.	21.	22.	16.	14.	20.
2078:	10.	13.	20.	22.	18.	20.	27.	22.	18.
2087:	13.	17.	14.	20.	18.	14.	19.	18.	12.
2096:	26.	16.	12.	16.	18.	22.	16.	13.	21.
2105:	16.	9.	18.	22.	10.	17.	23.	24.	16.

% COPPER

0.0032

FBI LABORATORY WASHINGTON DC

LEAD ANALYSES

28-MAY-82 05:20:00

BLANK

20521025 02

SAMPLE WEIGHT: (UG) 10000.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MLN RT4

ACQUIRE DATE: 27-MAY-82 22:15:32

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 459. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFF-SET: -0.0226080 KEV

2130:	14.	17.	15.	23.	20.	14.	15.	15.	18.
2139:	6.	10.	20.	14.	15.	22.	14.	13.	15.
2148:	19.	19.	17.	18.	20.	15.	24.	18.	15.
2157:	18.	12.	20.	17.	18.	19.	12.	17.	19.
2166:	14.	23.	13.	11.	11.	9.	7.	20.	17.
2175:	17.	19.	13.	15.	25.	24.	27.	14.	27.
2184:	18.	11.	12.	13.	17.	10.	15.	17.	16.
2193:	12.	19.	17.	22.	20.	21.	21.	20.	16.
2202:	11.	14.	15.	18.	13.	19.	17.	15.	19.
2211:	15.	14.	14.	21.	19.	18.	14.	20.	12.
2220:	20.	19.	22.	13.	20.	20.	24.	23.	18.
2229:	22.	9.	20.	24.	12.	17.	16.	19.	23.
2238:	14.	17.	14.	20.	20.	24.	16.	13.	21.
2247:	9.	15.	15.	19.	13.	21.	16.	16.	21.
2256:	21.	21.	22.	22.	20.	13.	23.	17.	17.
2265:	21.	21.	16.	17.	19.	13.	14.	15.	19.
2274:	14.	15.	27.	17.	13.	15.	13.	14.	22.
2283:	19.	24.	23.	18.	19.	14.	16.	12.	25.
2292:	19.	16.	16.	17.	16.	11.	16.	17.	18.
2301:	19.	24.	19.	16.	9.	19.	13.	16.	21.
2310:	15.	20.	17.	14.	22.	18.	15.	18.	17.
2319:	13.	11.	8.	20.	20.	21.	22.	19.	20.
2328:	13.	19.	18.	15.	15.	18.	17.	18.	13.
2337:	19.	11.	21.	22.	15.	16.	19.	20.	25.
2346:	13.	18.	22.	20.	13.	15.	18.	12.	16.
2355:	19.	23.	16.	22.	16.	18.	20.	14.	18.
2364:	24.	18.	14.	12.	20.	28.	24.	16.	16.

% ANTIMONY

0.0000

% ARSENIC

0.0002

FBI LABORATORY WASHINGTON DC

LEAD ANALYSES

28-MAY-82 05:21:07

BKLG

205210225 02

SAMPLE WEIGHT: (UG) 10000.00

ACTIVATION: 27-MAY-82 10:01:00 NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 22:23:22 GEM 13

PRESET LIVE TIME: 450. SEC

ELAPSED REAL TIME: 451. SEC

ELAPSED LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

KEV/CHNL: 0.2500463

OFFSET: -0.0226080 KEV

ELEMENT	PEAK ENERGY	BKGND	AREA	CONCENTR.	1 SIGMA DEV	% DEV
Z-COPPER	511.0	9.	16.	1.1673E-04	4.2102E-05	36.1
Z-ANTIMONY	564.1	12.	9.	1.2923E-04	8.6947E-05	67.3
Z-ARSENIC	559.3	3.	5.	5.7529E-05	3.6395E-05	63.3

	CU	SB	AS
CNTS/UG/MIN AT RD	361.4	101.1	171.05
CENTROID CHANNEL	2045	2259	2238
HALF-LIFE	12.8 H	2.7 D	26.3 H
BACKGROUND SPACING	50 L&R	80 L&R	30 L CH 2249 R
BACKGROUND CHANNELS	22 L&R	22 L&R	11 L 1 R
PEAK CHANNELS	13	13	5

1986:	0.	1.	0.	0.	0.	3.	1.	0.	2.
1997:	2.	2.	1.	1.	0.	0.	0.	1.	0.
2006:	1.	1.	0.	0.	3.	2.	0.	0.	1.
2013:	0.	0.	0.	0.	3.	1.	0.	1.	0.
2024:	1.	0.	0.	0.	0.	1.	0.	0.	1.
2033:	2.	0.	1.	0.	2.	1.	2.	0.	2.
2042:	1.	1.	2.	3.	1.	2.	3.	2.	2.
2051:	4.	1.	1.	1.	0.	0.	3.	0.	0.
2060:	1.	3.	0.	1.	1.	1.	2.	0.	1.
2069:	1.	0.	1.	0.	1.	0.	0.	0.	0.
2078:	0.	0.	0.	0.	0.	1.	1.	1.	0.
2087:	1.	1.	2.	0.	0.	0.	0.	0.	0.
2096:	0.	2.	0.	0.	1.	0.	0.	0.	2.
2105:	2.	0.	0.	0.	1.	1.	0.	2.	0.

% COPPER

0.0001

FBI LABORATORY WASHINGTON DC

LEAD ANALYSIS

28-MAY-82 05:21:35

BKG

20521025 Q2

SAMPLE WEIGHT: (UG) 10000.00

ACTIVATION: 27-MAY-82 10:01:00

NBS 10 MIN RT4

ACQUIRE DATE: 27-MAY-82 22:23:22

GEM 13

PRESET LIVE TIME: 450. SEC

CALIB DATE: 27-MAY-82 14:12:04

ELAPSED REAL TIME: 451. SEC

KEV/CHNL: 0.2500463

ELAPSED LIVE TIME: 450. SEC

OFFSET: -0.0226080 KEV

2130:	0.	2.	0.	0.	1.	1.	0.	2.	2.
2139:	0.	0.	0.	1.	0.	1.	0.	0.	0.
2148:	2.	0.	1.	0.	1.	1.	2.	1.	0.
2157:	1.	0.	2.	2.	2.	1.	1.	1.	0.
2166:	0.	1.	1.	0.	1.	0.	0.	1.	0.
2175:	1.	1.	0.	1.	0.	0.	1.	2.	0.
2184:	1.	0.	3.	1.	0.	0.	2.	1.	1.
2193:	1.	1.	0.	0.	1.	0.	0.	0.	1.
2202:	0.	0.	0.	0.	1.	1.	0.	0.	0.
2211:	1.	0.	0.	0.	0.	2.	2.	1.	1.
2220:	0.	1.	2.	1.	0.	0.	0.	2.	2.
2229:	0.	0.	0.	2.	1.	0.	0.	1.	0.
2238:	3.	1.	1.	1.	0.	1.	1.	0.	0.
2247:	0.	0.	0.	0.	0.	0.	0.	1.	1.
2256:	1.	4.	1.	5.	2.	1.	2.	2.	0.
2265:	1.	0.	0.	1.	1.	0.	0.	0.	0.
2274:	0.	1.	0.	1.	2.	1.	0.	2.	2.
2283:	0.	0.	0.	1.	0.	0.	0.	0.	0.
2292:	1.	1.	0.	0.	2.	0.	1.	0.	3.
2301:	4.	0.	3.	0.	2.	1.	0.	0.	0.
2310:	1.	0.	2.	0.	1.	0.	3.	0.	0.
2319:	1.	0.	1.	0.	0.	0.	0.	1.	0.
2328:	1.	0.	0.	0.	0.	2.	2.	1.	2.
2337:	1.	0.	2.	0.	1.	0.	4.	1.	0.
2346:	0.	0.	0.	0.	1.	0.	1.	0.	1.
2355:	0.	0.	1.	0.	2.	0.	0.	3.	1.
2364:	0.	0.	1.	0.	0.	0.	2.	0.	0.

% ANTIMONY

0.0000

% ARSENIC

0.0000

REPORT
of the

1

b6
b7CFEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

To: Department of Public Safety ~~LOCAL & STATE~~
Post Office Box 1440
Kingshill
Saint Croix, Virgin Islands 00850

June 2, 1982

AIRMAIL

FBI FILE NO. 95-249424

Attention:

LAB. NO.

20514010 S PR VZ

Re:

YOUR NO.

20521025 S/D PR VZ
QSb6
b7Cb6
b7C

SUSPECT;
- VICTIM;
BURGLARY/ASSAULT

050-82

Examination requested by:

Addressee

Reference:

Letters dated May 7, 1982 and May 18, 1982

Examination requested:

Firearms - Instrumental Analyses - Document -
Gunshot Residue Analysis - Fingerprint

Result of examination:

This report supplements the Laboratory report dated May 26, 1982. For a complete listing of the submitted specimens, please refer to this previous report. All the requested examinations have now been completed.

Specimen Q7 and the bullet component of specimens K2 through K13 were analyzed by neutron activation analysis for their elemental compositions.

1 - United States Attorney
Box 3239

b6
b7C

Christiansted
Saint Croix, Virgin Islands 00820

Attention: Mr. Gordon Rhea
Assistant United States Attorney

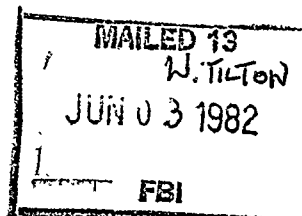
Page 1

This examination has been made with the understanding that the evidence is connected with an official investigation of a criminal matter and that the Laboratory report will be used for official purposes only, related to the investigation or a subsequent criminal prosecution. Authorization cannot be granted for the use of the Laboratory report in connection with a civil proceeding.

17 JUN 18 1982

(over)

Bullet Lead-186-95-249424



The compositions of the bullet component of specimens K5 through K13 are significantly different from the composition of specimen Q7. It is uncommon to find bullets from the same box of ammunition with such differences in compositions.

The compositions of specimen Q7 and the bullet component of specimens K2, K3 and K4 are of the same general type. Although there are differences in the compositions of these specimens, these differences are not such that they preclude the possibility of the bullets having originated from the same box of ammunition.

All of the submitted specimens have been returned to your office.

PINK SHEET

12-19-61